

Kelsey-Hayes Company
(A Subsidiary of TRW Automotive Inc.)

Completion Report for Risk-Based Cleanup of PCB Soil Impacts

Former Kelsey-Hayes Site
Milford, Michigan

February 5, 2014



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Based Cleanup of PCB Soil
Impacts**

Former Kelsey-Hayes Site
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Prepared for:
Kelsey-Hayes Company
(A subsidiary of TRW Automotive Inc.)

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Executive Summary

Kelsey-Hayes Company (Kelsey-Hayes) submitted the Application for Risk-Based Cleanup Approval for Polychlorinated Biphenyl (PCB) Soil Impacts (Application) on February 2, 2009, to present the plan for risk-based cleanup of PCB soil impacts. Working under the United States Environmental Protection Agency (USEPA)-approved Application and subsequently approved Addendum to the Application (2011), PCB-impacted soil on the former Kelsey-Hayes site and adjacent 521 Oak Street property, collectively referred to as the "Property", was excavated to remove PCB impacts greater than the Toxic Substances Control Act (TSCA) high occupancy cleanup level (with cap) of 10,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$) within the first 5 feet below grade. Per the Addendum, PCB-impacted soil identified on neighboring properties, Prospect Hill Shopping Center and CSX Transportation, Inc. (CSX) right-of-way (ROW), was excavated to the TSCA high occupancy cleanup level of 1,000 $\mu\text{g}/\text{kg}$, regardless of depth.

Between July 9, 2012 and November 22, 2013, excavations were conducted to remove PCB-impacted soil from the Property and adjacent properties 521 Oak Street, Prospect Hill Shopping Center and the CSX ROW. Approximately 3,900 tons of non-hazardous soil and 1,400 tons of hazardous soil were removed during excavation activities. The extent of excavation was documented and controlled throughout the excavation activities performed on the Property to confirm that the target excavation depth was achieved. Results of excavation confirmation samples confirmed that target cleanup levels were achieved for PCB removal activities.

A vegetated soil barrier including a demarcation layer was installed across the Property over areas not covered by asphalt. Following completion of excavation activities in the north parking lot, the area was re-paved to restore the previous asphalt surface. The vegetated soil barrier and asphalt serve as permanent exposure barriers at the Property. Upon completion of the excavation and barrier installation activities, a survey was performed to document the extent and final elevations of the Property barriers. Site maps were updated to reflect the final site conditions for this report. A Deed Restriction was filed with the Oakland County Register of Deeds to document the existence of the barriers and maintenance requirements.

All elements of the Application and Addendum have been successfully implemented. Kelsey-Hayes respectfully requests USEPA review and approval of this Completion Report.

1. Introduction

ARCADIS of Michigan, LLC (ARCADIS) has prepared this Completion Report for Risk-Based Cleanup of PCB Soil Impacts on behalf of Kelsey-Hayes Company (Kelsey-Hayes) to summarize the cleanup activities conducted in accordance with Title 40 Code of Federal Regulations (CFR) 761 to address polychlorinated biphenyl (PCB)-impacted soil at the former Kelsey-Hayes site and adjacent properties in Milford, Michigan (**Figure 1 and Figure 2**). The work was conducted in accordance with the *Application for a Risk-Based Cleanup Approval for Polychlorinated Biphenyl Soil Impacts* (Application) (ARCADIS, 2009), approved by the United States Environmental Protection Agency (USEPA) on April 9, 2009, and the *Addendum to the Application for Risk-Based Cleanup Approval for Polychlorinated Biphenyl Soil Impacts* (Addendum) (ARCADIS, 2011), approved on October 7, 2011. Copies of the USEPA approvals are provided in **Appendix A**.

The Village of Milford Downtown Development Authority (DDA) and Kelsey-Hayes have entered into an agreement for the sale of the former Kelsey-Hayes site to the DDA. The sale is contingent on the satisfaction of several conditions, including approval of this risk-based cleanup by the USEPA. The risk-based cleanup included the removal of PCB-impacted soils on the former Kelsey-Hayes site and the adjacent 521 Oak Street property owned by the DDA (collectively referred to as the "Property") to less than the risk-based Toxic Substances Control Act (TSCA) high occupancy cleanup level (with cap) of 10,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$) to a depth of 5 feet below ground surface (bgs). A vegetated barrier consisting of 1 foot of clean soil over an orange demarcation fabric has been installed over the remaining PCB-impacted soil, along with maintenance of the existing asphalt surfaces, to serve as exposure barriers to underlying impacted soils that remain following cleanup activities.

As noted in the Addendum, the southeast corner of the Prospect Hill Shopping Center (Prospect Hill) is no longer included in the property transaction with the DDA. Therefore, the contingency actions defined in the Application were implemented including the removal of PCB-impacts to the TSCA high occupancy cleanup level of 1,000 $\mu\text{g}/\text{kg}$ for off-site properties including Prospect Hill and the CSX Transportation, Inc. (CSX) right-of-way (ROW).

A Deed Restriction has been filed with the Oakland County Register of Deeds to document the existence of the barriers (asphalt, vegetated barrier, demarcation fabric), and require that the Property owner maintain the barriers unless or until

additional soil remediation is performed and the barriers are no longer necessary
(Appendix B).

1.1 Background

The former Kelsey-Hayes site was used as an industrial property since before 1895. The former Kelsey-Hayes site was occupied by Wells Cultivator in 1895, Milford Manufacturing in 1901, Michigan Auto Body in 1910, and the Detroit Panel and Plywood Company in 1923. The former plant was partially constructed by the Ford Motor Company (Ford), who acquired the site around 1938. Ford owned and operated the plant until 1958. Metal die casting activities during Ford's operations at the plant reportedly involved the use of PCB oils as mold release agents. The Kelsey-Hayes site was purchased and operated by J.W. Robbins from 1960 until 1966.

The plant had not operated and was intermittently vacant from 1966 to 1971 when Kelsey-Hayes acquired the plant and began manufacturing automotive parts. Kelsey-Hayes' operation included the cutting and machining of aluminum and cast iron; deburring; and the assembly of valve components, metal parts, and tubing. To the best of their knowledge, Kelsey-Hayes did not use or operate equipment containing PCBs.

The plant and operations were sold to SECOM General in 1996, and automotive parts manufacturing and assembly continued. The plant was acquired by Lucas Varity in 1998 and leased to PGK Products in 1998 and 1999. TRW Inc. acquired Lucas Varity in 1999. The plant was shut down and the buildings demolished in 2001. TRW Automotive acquired the automotive business of TRW Inc., including Kelsey-Hayes and the plant, in 2003.

1.2 Previous Investigations and Excavations

Extensive soil and groundwater remedial investigations have been completed both on- and off-site beginning in 1991. Investigations were conducted in a phased approach designed to address specific issues identified on the former Kelsey-Hayes site and adjacent properties (521 Oak Street and Prospect Hill). Results of historical soil characterization and delineation activities with respect to PCBs are described comprehensively in the figures and tables provided in the Application and summarized in the following sections.

1.2.1 Polychlorinated Biphenyl Delineation 2006

As part of the historical former Kelsey-Hayes site investigation activities, Haley & Aldrich completed a soil boring investigation at the site in January 1992. Initial detections of PCBs were encountered in a soil boring located near the southwest corner of the former Kelsey-Hayes site, however, sample results from a delineation boring 10 feet to the west did not report the presence of PCBs, thus Haley & Aldrich concluded that the PCB occurrence in the original borings was not representative of site conditions.

In response to a March 2006 Michigan Department of Environmental Quality (MDEQ) request for additional delineation of the PCB detection in the southwestern corner of the former Kelsey-Hayes site, ARCADIS conducted multiple soil investigations between March and August 2006 to evaluate the presence of PCBs in the southwestern corner. Through these investigations, elevated concentrations of PCBs were reported, exceeding the TSCA low occupancy cleanup level (25,000 µg/kg) in portions of the southwest corner. In addition to the soil samples collected on the west and south facing slopes near the concrete pad, ARCADIS installed additional soil borings through the concrete and asphalt slab to continue the delineation of PCBs and to evaluate the potential for release of PCBs on and below the former waste storage pad. Only one concrete or asphalt sample exceeded 1,000 µg/kg PCBs.

To further define the PCBs detected in soil at the southwestern corner of the former Kelsey-Hayes site, soil samples were collected off-site at two adjacent properties, Prospect Hill to the west and the residential property at 521 Oak Street to the south (**Figure 3**). Results of the investigation reported PCB-impacted soil up to 41,000 µg/kg off-site. Details regarding the soil borings completed are included in the Application (ARCADIS 2009).

1.2.2 Polychlorinated Biphenyl Delineation 2008

ASTI Environmental (ASTI) performed a subsurface investigation in the vicinity of the north and south parking lots in 2008 on behalf of the DDA as part of its due diligence investigation to evaluate the suitability of the former Kelsey-Hayes site property for purchase. In their investigation, ASTI reported PCB concentrations in soil up to 20,000 µg/kg in the north parking lot.

A follow-on investigation was performed by ARCADIS in 2008 to further characterize the nature and extent of soil impacts that were identified during the previous

investigation by ASTI. Through this investigation, PCB-impacted soils within the former parking areas and along Oak Street and Commerce Road were defined horizontally and vertically. ARCADIS collected soil samples from soils along the south side of Commerce Road and west of Oak Street to determine if PCBs were present in soil adjacent to the former Kelsey-Hayes site. PCBs detected along the south side of Commerce Road and west of Oak Street were below the TSCA unrestricted high occupancy cleanup level of 1,000 µg/kg and therefore not required to be addressed in future cleanup actions.

1.2.3 Polychlorinated Biphenyl Impacted Soil Excavation Activities (October-December 2008)

Based on the results of the ASTI investigation and the supplemental soil delineation activities performed by ARCADIS in 2008, ARCADIS planned and implemented a soil cleanup effort for the affected areas of the Commerce Road and Oak Street ROW. The cleanup included excavation and off-site disposal of PCB-impacted soil at concentrations greater than 1,000 µg/kg. The soil cleanup began on October 28, 2008 and was completed on December 4, 2008.

The target cleanup objective of 1,000 µg/kg was achieved and verified by confirmation bottom and sidewall samples in all areas except one. Sidewall Sample SW-31 and Sidewall Sample SW-32 contained reported PCB concentrations of 1,600 µg/kg and 12,500 µg/kg, respectively. These samples were collected from the eastern sidewall of the Commerce Road excavation and are located at the boundary between the former Kelsey-Hayes parking lot area and Village of Milford ROW, and the adjacent CSX ROW to the east. As a Right-of-Entry (ROE) Agreement with CSX was not established at the time of the 2008 excavation, PCB-impacts identified within the CSX ROW were removed at a later date as described later in this report. Results of the 2008 investigation and cleanup activities were presented in the Application.

1.2.4 Groundwater Sample Collection and Analyses

As required per the Application, observation wells located within and hydraulically downgradient of the PCB soil impacts have been sampled annually for the past 6 years, beginning in September 2008. Observation wells OW-1, OW-1D, OW-2D2, OW-4D, OW-6D, OW-20, OW-22, OW-22D, and OW-24 were sampled for PCBs to determine if PCB-impacted soil has resulted in groundwater impacts (**Figure 2**). All groundwater samples were collected in the appropriate laboratory-provided containers using low-flow purging and sampling techniques and submitted for laboratory analysis of PCBs by USEPA Method 8021. None of the groundwater samples contained

concentrations of PCBs above the laboratory reporting limits confirming that PCB-impacted soils have not impacted groundwater at or near the Kelsey-Hayes site (**Table 1**).

1.3 Public Participation and Response to Comments

The Application and Addendum were made available for public review and comment for a period of 30 days prior to commencing the risk-based cleanup. The purpose of public participation was to promote active communication between the community affected by the cleanup at the former Kelsey-Hayes site and TRW. Copies of the Application and Addendum were placed at the Milford Public Library to be available for review and comment between April 5, 2012 and May 4, 2012. Electronic copies of the Application and Addendum were also posted to the Village of Milford website for viewing or download. An announcement regarding the availability of the documents for comment was placed in the Milford Times newspaper for 4 weeks, beginning on Thursday April 4, 2012, with additional notifications provided to residents and business owners along Oak Street and Commerce Road (west of Main Street). No comments were received during the public comment period.

2. Cleanup Activities

Based on the results of the soil delineation and previous PCB excavation activities summarized above, ARCADIS planned and implemented a soil cleanup for the impacted areas of the former Kelsey-Hayes site, CSX ROW, 521 Oak Street, and Prospect Hill. The cleanup included coordination with utility companies to identify and locate utilities, obtaining an erosion control permit and third party property access agreements, preparation of traffic control and material handling plans, clearing and grubbing existing vegetation, excavation and off-site disposal of PCB-impacted soils, backfilling the excavations, asphalt paving and installation of demarcation fabric and vegetated barrier. The cleanup was completed in two mobilizations, with the first mobilization performed between July 9, 2012 and October 11, 2012, and the second mobilization performed between October 14, 2013 and November 22, 2013.

2.1 Pre-Construction Activities

2.1.1 Slope Stability Analysis

Prior to performing excavation activities in the southwest corner of the former Kelsey-Hayes site, ARCADIS conducted a sampling event consisting of test pitting and soil

borings. Test pitting was performed to collect geotechnical data to prepare excavation, restoration and grading plans. Soil borings were performed to obtain geotechnical data surrounding the area of proposed excavation in addition to collecting waste characterization data to further define the quantity of soil at concentrations greater than 50,000 µg/kg.

Three test pits were completed on March 19, 2012, extending from the concrete pad down the slope, to the property line of 521 Oak Street (Area 1, **Figure 3**). Each test pit was completed to a depth of approximately 5 feet below grade to represent the depth of proposed excavation activities. *In-situ* soil density and moisture content measurements were performed throughout each test pit in accordance with ASTM D6938. Soil generated during completion of the test pits was staged on-site in a lined and covered roll-off box. Concurrent with the 2012 excavation, the non-hazardous soil generated from the test pits was transported to the Waste Management Woodland Meadows Landfill in Wayne, Michigan on July 26, 2012.

One composite soil sample was collected from each test pit, compositing soil from approximately 0.5 feet bgs to 5 feet bgs. The composite sample from each test pit was submitted to JLT Laboratories in Canonsburg, Pennsylvania for analysis of modified proctor (ASTM D1557), grain size distribution (ASTM D422) and Atterberg limits (ASTM D4318). The results of these laboratory tests in conjunction with the nuclear density gauge measurements were used to determine the *in-situ* density and strength parameters, friction angle, cohesion and unit weight of the existing fill material present in the southwest corner. Strength parameters for soil below the fill material were derived from Standard Penetration Testing (SPT) (ASTM D1586) blow counts and Atterberg limits (ASTM D4318). Five soil borings were completed on March 21, 2012, in the vicinity of Area 1 (**Figure 3**), to gather additional geotechnical data and to further define the quantity of soil above 50,000 µg/kg required to be disposed of at a TSCA-approved landfill. This information was then used to determine the final grade of the restored slope, select the appropriate demarcation layer material and vegetated barrier specifications.

All drilling was completed using hollow-stem auger drilling equipment. A slide hammer attachment was used to obtain SPT blow count information from each boring. A total of two soil samples were submitted for geotechnical laboratory analyses. The selected samples were sent to JLT Laboratories and analyzed for grain size distribution (ASTM D422), Atterberg limits (ASTM D4318) and moisture content (ASTM D2216). In addition to sample collection for geotechnical analysis, one soil sample was collected from each soil boring for waste characterization purposes. Samples were collected

from the target depth of excavation removal, i.e. 5 feet bgs from borings completed on the former Kelsey-Hayes site and 521 Oak Street property and approximately 3 feet bgs for samples collected on Prospect Hill. All soil samples collected from the soil borings for waste characterization purposes were submitted to TestAmerica for analysis of toxicity characteristic leaching procedure waste characteristics and PCBs. Soil cuttings generated from the drilling activities were combined with the soil generated during completion of the test pits and stored on-site in a lined and covered roll-off box. The roll-off box was subsequently transported to the Waste Management Woodland Meadows Landfill in Wayne, Michigan on July 26, 2012.

2.1.2 Site Preparation

Prior to beginning the soil removal activities, a survey was conducted to define the existing surface elevations within the footprint of the proposed excavations and vegetated soil barrier. The extent of each excavation was measured and marked with stakes and survey tape. Work zones were identified and delineated, as well as staging areas for vehicles and equipment. A plan for directly loading and unloading trucks was determined, and traffic patterns were documented in a site-specific traffic control plan.

Trees were cut at the ground surface, chipped on-site, and hauled off-site for disposal by the landscape contractor. The tree root wads were subsequently excavated and disposed of along with the impacted soil.

The excavation subcontractor was responsible for submitting the following plans for approval:

- Health and Safety Plan detailing site-specific hazards and mitigation measures.
- Material Handling Plan to define soil excavation, handling and loading methods, and equipment decontamination plans.
- Traffic Control Plan to define truck ingress and egress routes.

2.1.2.1 Utility Clearance

In accordance with state law, Miss Dig was contacted prior to each mobilization; July 5, 2012 (Ticket No. B21871027) and October 14, 2013 (Ticket No. A32820639). Site plans obtained from TRW, the Village of Milford Department of Public Services (DPS), and CSX were reviewed to determine the potential for utilities to be encountered during

excavation. To support the identification of utilities within the CSX ROW, ARCADIS hired a third party utility locator to survey the area of proposed excavation and mark identified utilities. ARCADIS also met with representatives of the DPS to document the invert elevations of sanitary sewers and manholes located on the former Kelsey-Hayes site, and define construction requirements for raising the manholes within the vegetated soil barrier.

2.1.2.2 Soil Erosion and Sedimentation Control

Soil erosion and sedimentation control was applied in accordance with the MDEQ Water Bureau Soil Erosion and Sedimentation Control Program, Soil Erosion and Sedimentation Control Training Manual (MDEQ, 2005). ARCADIS prepared an erosion control plan to detail the type and placement of erosion control measures used, including silt fence and catch basin inserts down gradient of excavation areas. Additionally, straw bales were placed throughout the former Kelsey-Hayes site to reduce the potential for erosion. A soil erosion and sedimentation control permit was issued by the Oakland County Water Resources Commissioner on July 11, 2012 (**Appendix C**).

2.1.2.3 Well Abandonment

In preparation for installing the demarcation layer and vegetated barrier, monitoring wells not part of the long-term monitoring network were abandoned. Observation wells OW-2, OW-2D, OW-5D, OW-17D, OW-19 and OW-21 were abandoned by cutting the PVC casing approximately one foot below grade, filling the casing with a grout/cement mix via tremmie pipe and filling the vault with sand. The remaining observation wells on the Property are shown on **Figure 2**.

During monitoring well abandonment activities, soil vapor extraction (SVE) wells associated with the former SVE system were also abandoned. SVE wells SVE-14, SVE-15 and SVE-17 were abandoned by filling the casing with a grout/cement mix via tremmie pipe and filling the vault with sand. Well abandonment logs are provided in **Appendix D**.

Five SVE wells (SVE-10, SVE-12, SVE-22, SVE-23 and SVE-24) were located within the footprint of the Area 1 and Area 1A excavation. SVE wells and associated piping within the footprint of the excavation were removed with impacted soils hauled off-site for disposal. Eight additional SVE wells (SVE-2, SVE-11, SVE-13, SVE-16, SVE-20, SVE-21, SVE-25 and SVE-26) reported to still be present were not located.

2.1.3 Site Restriction and Security

Security is maintained at the former Kelsey-Hayes site by a chain link fence along the perimeter of the property. Security of the construction site, including the 521 Oak Street property and Prospect Hill, was maintained by installing temporary security fencing to maintain the perimeter fence. Additionally, construction areas outside of the perimeter fence including excavations within the north parking lot and within the CSX ROW were protected using a combination of snow fence, barricades, cones and caution tape. Signs were installed restricting access to the parking lots to prevent unauthorized entry and maintain site security throughout the construction period.

2.2 Soil Removal

Excavation and removal of PCB-impacted soil was conducted from July 9, 2012 to October 12, 2012 and October 14, 2013 to November 22, 2013. As shown on **Figure 3**, excavation activities were performed in six areas, Area 1, 1A, 2, 3A, 3B and 4.

As described in the Application and Addendum, a risk-based cleanup was performed to remove PCB-impacted soils in the southwestern corner (Area 1 and 1A) and north parking lot (Area 3A). The excavation was completed to remove PCB-impacts greater than the TSCA high occupancy cleanup level (with a cap) of 10,000 µg/kg within the first 5 feet below grade for Areas 1, 1A and 3A. As stated in the Addendum, the purchase agreement does not include the purchase of any portion of Prospect Hill; therefore, PCB-impacts on Prospect Hill were removed to the TSCA high occupancy cleanup level of 1,000 µg/kg (**Figure 4**). PCB-impacted soil in the southwestern corner (Areas 1 and 1A) and north parking lot (Areas 2 and 3A) were excavated from July 9, 2012 to October 12, 2012. Concurrent with the PCB cleanup, shallow soils impacted with volatile organic compounds (VOCs) within the north parking lot (Area 2) were also excavated (**Figure 5**).

Approximately 1,905 tons of non-hazardous soil and 391 tons of hazardous PCB-impacted soil were excavated from the southwestern corner (Area 1 and 1A respectively) (**Figure 4**). Approximately 1,094 tons of non-hazardous soil and 91 tons of hazardous PCB-impacted soil were excavated from Area 3A, and approximately 212 tons of VOC-impacted soil were excavated from Area 2 (**Figure 5**).

In August, 2012, elevated PCB concentrations were reported in samples from the eastern sidewall of Area 3A, indicating the presence of PCB-impacted soil within the CSX ROW adjacent to the north parking lot (**Figure 6**). Therefore, a ROE Agreement

was obtained from CSX for soil investigation and cleanup within the CSX ROW adjacent to the north parking lot (Area 3B) and those impacts previously identified within the Commerce Road ROW (Area 4). ARCADIS performed three soil investigations between October 2012 and September 2013, to define the extent of PCB impacts adjacent to the north parking lot. A total of 15 soil borings were completed within the CSX ROW to vertically and horizontally define the PCB-impacted soil adjacent to Area 3A (**Figure 7**). All soil samples were submitted to Brighton Analytical for analysis of PCBs according to USEPA Method 8082.

PCB impacts within the CSX ROW adjacent to the north parking lot (Area 3B) and north of Commerce Road (Area 4) were excavated from October 14, 2013 to November 22, 2013. Approximately 712 tons of non-hazardous soil and 828 tons of hazardous PCB-impacted soil were excavated from Area 3B. Approximately 75 tons of non-hazardous PCB-impacted soil was excavated from Area 4 (**Figure 3**).

2.2.1 Field Screening Results

To expedite excavation activities conducted within the CSX ROW, ARCADIS screened all removal confirmation samples using a PCB immunoassay kit. If the field screening results indicated PCB concentrations were less than one part per million (ppm), then soil removal activities ceased in that area, and a confirmation sample was submitted for laboratory analysis. If field screen results exceeded 1 ppm, the excavation continued in the appropriate direction.

Field screening of soil samples was conducted in consultation with USEPA using ModernWater RaPID Assay® in accordance with USEPA Method 4020 for *ex-situ* field screening for PCBs (USEPA, 1996). Field screening with the immunoassay kit was only used for excavation activities completed in 2013, which included the excavation within the CSX ROW adjacent to the north parking lot (Area 3B) and north of Commerce Road (Area 4).

The analysis provided field screened results in approximately 1 hour with a detection limit for soil of 0.5 ppm. The portion of soil selected for field screening was prepared by placing a volume of soil into a 9 ounce sample jar. Any small pebbles or organic material were removed and the remaining soil homogenized. Following homogenization, sample extraction was performed and the sample analyzed using a photometer, providing quantitative results in units of ppm.

A set of quality control samples were analyzed with each batch of samples analyzed with the immunoassay. Through the quality control procedure, a correlation curve and coefficient of variation for the batch analysis was obtained. A coefficient of variation of less than 10 percent was generally obtained, with a correlation of approximately 0.99. A copy of the ModernWater RaPID Assay® Specification Sheet is included in **Appendix E**.

Concentrations less than the method detection limit of 0.5 ppm are recorded with "ND" following the result; concentrations above the standard range of 10 ppm are recorded with "high" following the result. All field samples with concentration of less than 1 ppm were submitted to Brighton Analytical for analysis of PCBs according to USEPA Method 8082.

Soil samples collected from the excavation sidewalls (designated with an "SW") had field screening results ranging from non-detect (less than 0.5 ppm) to 21.78 ppm. Field screening results from the excavation bottom samples (designated with an "FL") ranged from non-detect to 10.64 ppm. The samples collected from the excavation sidewalls were obtained at a depth of approximately 2.5 to 5 feet bgs. The excavation bottom samples were obtained at an approximate depth of 5 to 12 feet bgs depending on the depth at which the field screening indicated PCB concentrations less than 1 ppm. Excavation soil sample and field screening results are presented in **Table 2**, and locations are depicted on **Figures 4, 6, 8 and 9**.

2.2.2 Soil Transport and Disposal Management

The impacted soil was live-loaded into transport trucks when possible throughout the cleanup. When live-loading was not possible, the soil was stockpiled on plastic sheeting and covered with additional plastic sheeting. Stockpiled soil was loaded into transport trucks and sent off-site for disposal the following day.

All waste profiles and manifests were reviewed, approved, and signed by Kelsey-Hayes or authorized personnel acting on behalf of Kelsey-Hayes prior to shipping the soil. The trucks followed a prescribed transportation route to the disposal facility, as detailed in the Traffic Control Plan. The cleanup contractor, K&D Industries, Inc. (K&D), obtained weight tickets and manifests from each truckload of soil transported to the landfill. Copies of all transport and disposal documents are provided in **Appendix F** and will be kept on file by Kelsey-Hayes.

A total of approximately 3,211 tons of non-hazardous PCB and VOC-impacted soil was excavated from the former Kelsey-Hayes site, 521 Oak Street and Prospect Hill (Areas 1, 1A, 2 and 3A) in 2012. All non-hazardous soil was transported to the Waste Management Woodland Meadows Landfill in Wayne, Michigan for disposal.

A total of approximately 482 tons of hazardous PCB-impacted soil was excavated from the former Kelsey-Hayes site (Area 1A) and CSX ROW (Area 3A) and transported to the Wayne Disposal, Inc. Landfill in Belleville, Michigan for disposal in 2012.

A total of approximately 787 tons of non-hazardous PCB-impacted soil was excavated from the former Kelsey-Hayes site and CSX ROW (Areas 3B and 4) in 2013. All non-hazardous soil was transported to the Waste Management Woodland Meadows Landfill in Wayne, Michigan for disposal.

A total of approximately 828 tons of hazardous PCB-impacted soil was excavated from the CSX ROW (Area 3B) and transported to the Wayne Disposal Landfill in Belleville, Michigan for disposal in 2013.

2.2.3 Shoring and Dewatering

The depth of the excavation within Area 1 averaged 5 feet bgs, and was approximately 15 feet bgs at its deepest location due to elevated PCB concentrations reported from floor sample FL-1-8 (**Figure 4**). The excavation required a trench box to safely remove impacted soil at depth. Following placement of the trench box and excavation of the impacted soils, floor sample FL-8 (15) was obtained to confirm PCB concentrations were below the target cleanup level of 1,000 µg/kg for Prospect Hill.

The local groundwater table in the vicinity of FL-1-8 is approximately 25 feet bgs, therefore, the excavation did not extend below the groundwater table. However, limited dewatering was required within Area 1 due to precipitation events occurring over the duration of the excavation work. Approximately 30 gallons of water were removed from the excavation and containerized in a frac tank prior to off-site transportation and disposal. An additional 141 gallons of water were generated during decontamination of the frac tank. On November 26, 2012, approximately 171 gallons of water were transported off-site for decontamination and disposal, per CFR 761.79(b), at the Environmental Recycling Group facility in Bowling Green, Ohio. A copy of the waste transport and disposal documents are provided in **Appendix F** and will be kept on file by Kelsey-Hayes.

Based on the presence of PCB-impacted soil within approximately 10 feet of the railroad tracks in Area 3B, trench boxes were used to shore the excavation areas within 25 feet of the tracks. Excavation activities progressed within the CSX ROW using trench boxes until the impacted soil was removed, confirmation samples confirmed the target cleanup goal was met, the excavation was backfilled and compacted, and remaining excavation activities could be conducted without intersecting the Theoretical Embankment Line of the railroad tracks.

Dewatering was not required for excavation activities completed within Area 3B or Area 4.

2.2.4 Health and Safety

Health and safety activities were conducted in accordance with the site-specific Health Plan (HASP). Prior to beginning work, the on-site contractors reviewed and signed the HASP. ARCADIS conducted daily Tailgate Health and Safety Meetings with on-site personnel, and the meetings were documented on Daily Tailgate Safety Briefing Forms.

Air monitoring with a particulate meter was performed throughout the entire soil cleanup activity to monitor for airborne particulates in the vicinity of the excavation area. Air quality was monitored in the work zone and at designated monitoring stations around the perimeter of the construction site. During the removal activities, the action level of 2.5 milligrams per cubic meter identified in the HASP was not exceeded. Copies of air monitoring logs are provided in **Appendix G**.

Work performed within 25 feet of the railroad track was required by CSX to be performed under track protection. ARCADIS coordinated with CSX flagmen to oversee excavation, backfill and restoration activities completed within 25 feet of the track. ARCADIS employees and their subcontractors working in the CSX ROW completed applicable Federal Railroad Administration training prior to mobilization.

2.3 Confirmation Soil Sampling Results

Initial confirmation samples for Areas 1, 1A and 3A were collected according to the Application and Addendum. Under the approved risk-based cleanup plan, PCB-impacted soil greater than 10,000 µg/kg within the first 5 feet below grade was removed from the Property and PCB-impacted soil greater than 1,000 µg/kg was removed from Prospect Hill. As the risk-based cleanup plan included a specific depth of excavation

leaving impacted soils in-place at a depth greater than 5 feet, confirmation floor samples were not required in excavation areas conducted on the Property. Sidewall samples were collected on an approximately 20-foot linear spacing along the perimeter of the excavations. In addition to the confirmation samples collected, quality assurance/quality control (QA/QC) samples were collected, including seven blind duplicates, one equipment blank, and two matrix spike/matrix spike duplicates (MS/MSDs). All samples were submitted to Brighton Analytical for laboratory analysis of PCBs according to USEPA Method 8082 with expedited turnaround time.

Excavation confirmation samples were not collected from Area 2. The excavation was conducted to remove VOC-impacted soil within the first 5 feet below grade, extending to soil borings completed during previous site investigations which defined the extent of impacts (**Figure 5**).

Initial confirmation bottom samples were collected within Area 3B and Area 4 on an approximately 10-foot grid spacing across the excavations, and sidewall samples were collected on an approximately 20-foot linear spacing along the perimeter of the excavations. In addition to the confirmation samples collected, QA/QC samples were collected, including five blind duplicates, two equipment blanks, and one MS/MSD. All samples were submitted to Brighton Analytical for laboratory analysis of PCBs according to USEPA Method 8082 with expedited turnaround time. Based on results of the first round of bottom and sidewall samples, additional excavation was performed in areas that still contained reported concentrations of PCBs greater than the target removal criteria (10,000 µg/kg for soils on the Property less than 5 feet below grade and 1,000 µg/kg for soils within the CSX ROW). Excavation was continued in each area until the confirmation bottom and sidewall samples contained reported concentrations of PCBs less than the respective target cleanup goal.

2.3.1 Laboratory Results

The excavation sidewall samples collected within Area 1A confirmed that the extent of PCB-impacted soils above hazardous disposal criteria of 50,000 µg/kg had been achieved. The remaining confirmation samples collected from the southwest corner (Area 1) were compared against the 10,000 µg/kg cleanup goal for samples collected on the Property and 1,000 µg/kg for confirmation samples collected on Prospect Hill. Only two discrete areas (SW-16 and FL-8) of the excavation were extended to achieve the cleanup goal of 1,000 µg/kg on Prospect Hill (**Figure 4**). The excavation extended to a total depth of 15 feet below the original grade surrounding FL-8. Excavation confirmation samples collected from the floor of Area 1 on Prospect Hill were generally

collected between 4 and 5 feet below grade to meet the cleanup goal. Where the initial sidewall sample (SW-16) exceeded 1,000 µg/kg, the excavation was extended another 10 feet onto Prospect Hill. Additional sidewall [SW-16(2)] and floor samples [SW-16 (floor)] were collected from the resulting sidewall and floor (**Figure 4**).

While the north and south sidewalls of Area 3A did not require over excavation, additional soil excavation was required to achieve the cleanup goal on both the east and west sidewalls (**Figure 6**). On the west sidewall, 3-SW-6 and 3-SW-7 both exceeded 10,000 µg/kg. The excavation was extended another 5 feet west until sidewall confirmation samples [3-SW-6(2) and 3-SW-7(2)] confirmed PCB concentrations less than the cleanup goal. Elevated PCB results reported from the east sidewall in sidewall samples 3-SW-2 through 3-SW-5 required additional excavation to the east, extending the excavation closer to the former Kelsey-Hayes site property line. Based on the sample results from subsequent samples collected [3-SW-2(2), 3-SW-3(2), 3-SW-4(2) and 3-SW-5(2)], ARCADIS completed six soil borings (HA-1 through HA-6) to delineate the excavation to the east and determine if PCB-impacted soil along the CSX property line exceeds the cleanup criteria of 10,000 µg/kg. Soil samples collected from the hand auger borings were collected 2.5 feet bgs to represent the depth of future sidewall samples collected in the proposed 5 foot excavation. Results of the soil investigation reported the presence of PCBs in soil as high as 58,500 µg/kg in HA-4 (**Table 2, Figure 6**). As a ROE Agreement with CSX was not in place at the time of excavation for Area 3A, additional delineation and excavation activities were postponed until the agreement could be executed.

ARCADIS obtained a ROE Agreement with CSX on February 2, 2013. On April 23, 2013, ARCADIS completed six soil borings (SB-01-13 through SB-06-13) using direct push technology to collect soil samples on a 2.5 foot interval from first encounter of native soils (approximately 2.5 feet bgs) to 10 feet bgs (**Figure 7**). Railroad ballast encountered within the first 2.5 feet bgs was not sampled. All soil samples were submitted to Brighton Analytical for analysis of PCBs by USEPA Method 8082. Results of the soil investigation indicated the presence of PCBs at 660,000 µg/kg in SB-01-13 from 5 to 5.5 feet bgs.

A second soil investigation was conducted on June 11, 2013 in which ARCADIS completed six hand auger borings (SB-07-13, SB-08-13, SB-10-13 to SB-13-13) (**Figure 7**). Soil samples were collected on 2.5 foot intervals to 5 feet bgs, or until refusal was encountered. All soil samples were submitted to Brighton Analytical for analysis of PCBs by USEPA Method 8082. Results of the soil investigation indicated the presence of PCBs at 5,120,000 µg/kg in SB-10-13 from 4 to 5.5 feet bgs.

A third and final soil investigation was conducted by ARCADIS on September 12, 2013. ARCADIS completed three soil borings (SB-14-13 through SB-16-13) using direct push technology to collect soil samples on a 2.5 foot interval from 2.5 feet bgs to up to 15 feet bgs (**Figure 7**). All soil samples were submitted to Brighton Analytical for analysis of PCBs by USEPA Method 8082. Results of the soil investigation were used to define the extent of the proposed excavation within the CSX ROW to the target cleanup criteria of 1,000 µg/kg.

On October 14, 2013, ARCADIS resumed excavation activities, extending into the CSX ROW to remove PCB-impacted soils. The excavation confirmation samples indicated that PCB impacts within the CSX ROW adjacent to the north parking lot (Area 3B) extended from 5 feet bgs to up to 12 feet bgs. As shown on **Figure 8**, several grids within the excavation were extended due to floor or sidewall sample exceedances of field screening criteria (1 ppm). Additional floor and sidewall samples were collected as the grids exceeding criteria were excavated until confirmation samples confirmed that the target cleanup goal (1,000 µg/kg on the CSX ROW and 10,000 µg/kg on the Property) was achieved.

Following completion of excavation activities in Area 3B, ARCADIS resumed excavation activities within the CSX ROW north of Commerce Road (Area 4) that were not able to be completed in 2008. The target cleanup objective of 1,000 µg/kg was achieved and verified by confirmation floor and sidewall samples in all areas. The excavation removed PCB-impacted soils in the vicinity of sidewall samples SW-31 and SW-32 from the 2008 excavation in the Commerce Road ROW (**Figure 9**). Where initial sidewall samples SW-27 and SW-28 exceeded field screening criteria (1 ppm), the excavation was extended to the east and south respectively. Additional sidewall samples (SW-29 and SW-30) were collected from the resulting sidewalls and reported concentrations below the TSCA high occupancy cleanup levels of 1,000 µg/kg (**Figure 9**).

2.3.2 Data Validation

The laboratory analytical reports for excavation confirmation samples (**Appendix H**) were reviewed and validated in accordance with Region V Standard Operating Procedures that apply to USEPA Method 8082, laboratory control limits, and professional judgment. Level II validation was performed on the removal confirmation results. The laboratory's overall system performance and data quality were acceptable and within the guidelines specified in the analytical method. No data were rejected. The laboratory data validation reports are included in **Appendix I**.

2.4 Demarcation Layer and Vegetated Barrier Installation

Following the soil removal, fill sand was imported and used to backfill the areas of excavation to the original grade. An orange demarcation layer (geotextile fabric) was then installed over the majority of the Property. The demarcation layer was then overlain with a foot of clean soil (fill sand and topsoil) and vegetated with hydroseed and erosion control blankets (**Figure 3, Table 3**). Following excavation activities conducted in the north parking lot, the area was re-paved and now serves as an asphalt barrier (**Figure 3**). Excavation activities were not performed within the south parking lot, thus the asphalt surface remains intact and serves as a barrier for this area (**Figure 3**). Specification sheets for the demarcation fabric are provided in **Appendix J**.

2.5 Decontamination Procedures

Excavation equipment buckets were brushed down when transitioning between excavation areas, from hazardous to non-hazardous soils, and upon completing excavation activities. The residual soil was collected and placed on stockpiles or live-loaded for disposal. Prior to performing any soil transport operations, the concrete pad and asphalt surfaces of the former Kelsey-Hayes site were swept to remove loose soil and debris. The tires of the transport trucks were then covered with plastic sheeting while the trucks were loaded to prevent impacted soil from coming into contact with the tires and eliminating the need for a tire wash. The stainless-steel soil core sampler used to collect soil samples was decontaminated using sprayer bottles of detergent solution and distilled water between each sample.

2.6 Site Restoration

Expedited laboratory analysis was performed on the confirmation samples to support the field screening results which were used to direct backfill and site restoration activities. The excavations were backfilled with general fill (sand) from the bottom of the excavation to the approximate elevation of the original grade. Backfill compaction was performed in 8-inch lifts to achieve a minimum compaction of 90 percent by Standard Proctor (ASTM D698). Compaction results from 2012 and 2013 excavation activities are provided in **Appendix K**.

For excavation areas completed on the Property, the excavations were covered with either a vegetated soil barrier or asphalt barrier. Excavation areas completed on Prospect Hill or within the CSX ROW were not covered by a vegetated soil or asphalt barrier. For these areas, general fill (sand) was placed to within 3 inches of the original

grade with the remaining 3 inches backfilled with topsoil and covered with grass seed. Where railroad ballast was encountered during the excavation of Area 3B, the ballast remained on-site and was reused to restore surface conditions. Analytical reports for soil samples collected from the backfill and topsoil source are provided in **Appendix L** along with a comparison table to document the imported material met USEPA and MDEQ criteria.

Approximately 12,000-square feet of straw mats were placed over the vegetated barrier in the southwestern corner of the former Kelsey-Hayes site to protect sloped areas of the Property from erosion. The silt fence will be removed from the Property in the spring of 2014 once 90 percent vegetative cover is confirmed and the soil erosion permit closed. Photo documentation of site restoration activities is included in **Appendix M**.

2.7 Site Survey

The final excavation and barrier limits were surveyed by licensed surveyors BMJ Engineers & Surveyors, Inc. of Port Huron, Michigan. Survey of the excavation extent for Areas 1, 1A, 2 and 3A confirmed that the first 5 feet of impacted soil was removed, achieving the target depth defined in the Application (**Figures 4 through 6**). Excavations completed on Prospect Hill and within the CSX ROW were performed to remove PCB-impacted soil exceeding the TSCA high occupancy cleanup level of 1,000 µg/kg, regardless of depth (**Figures 6 and 8**).

The surveyed extent of the vegetated barrier and asphalt barrier are shown in **Appendix N**. A comparison of the ground surface elevations surveyed prior to and following excavation and barrier installation demonstrate that the one foot vegetated barrier thickness has been achieved (**Table 3**). The demarcation fabric was placed on the ground surface at the original elevation, identified through the pre-construction site survey, as shown on **Table 3**. The final as-built survey identifying the barrier extents and property lines used to update the Site plan is provided in **Appendix N**.

3. Institutional Controls and Certification

A Deed Restriction has been filed with the Oakland County Register of Deeds to document the existence of the barriers (asphalt, vegetated barrier, demarcation fabric), and require that the Property owner maintain the barriers unless or until additional soil remediation is performed and the barriers are no longer necessary (**Appendix B**). The barriers serve as a visual and physical boundary between future

occupants and underlying contaminated soils. The barriers are to be maintained in such a manner as to prevent direct contact exposure to contaminated soils. Deficiencies identified in the barriers, i.e. cracks or potholes in the asphalt and/or tear in the demarcation layer, should be repaired or replaced to limit exposure and provide at least an equivalent degree of protection as the original barrier. In the event that intrusive work is performed beneath the barriers, a HASP should be prepared for workers engaged in construction activities. Any excavated subsurface soils should be analyzed for PCBs and disposed as appropriate.

3.1 Deed Restriction Certification

The Deed Restriction provided in **Appendix B** regarding the Property in Milford, Michigan has been recorded with the Oakland County, Michigan Register of Deeds per the requirements specified in 40 CFR 761.61(a)(8).

Certification submitted by:

 05-Feb, 2014

Richard A. Bell
Director, Health, Safety and Environment
TRW Automotive

4. Schedule

The anticipated schedule for remaining Property activities is as follows.

| Task | Anticipated Completion Date |
|--|-----------------------------|
| DDA submit Due Care Plan to MDEQ | February 7, 2014 |
| USEPA review/approval of Completion Report | February 28, 2014 |
| MDEQ Approval of DDA Due Care Plan | March 24, 2013 |
| Closeout Erosion Control Permit | March 26, 2014 |
| Closing of Property Transaction | March 31, 2014 |

5. Conclusion

Cleanup activities at the former Kelsey-Hayes site and adjacent properties including the former residential property at 521 Oak Street, Prospect Hill and CSX ROW, have consisted of investigations and excavations to address PCB-impacted soil. Through implementation of the USEPA approved risk-based cleanup plan, over 5,300 tons of PCB-impacted soil were successfully removed from the site.

The objectives of the Application were met on-site by the excavation of PCB-impacted soil to a depth of at least 5 feet bgs, backfill of excavations to or above the original grade, installation of the demarcation layer and 1-foot vegetated soil barrier over the majority of the Property, and replacement of damaged asphalt in the northern parking lot. Off-site the objectives of the Application and Addendum were met by the successful removal of PCB-impacted soil to less than 1,000 µg/kg on Prospect Hill and within the CSX ROW.

Excavation activities removed approximately 3,693 tons of PCB-impacted soil from the Property, and approximately 1,615 tons of PCB-impacted soil from the adjacent Prospect Hill and CSX ROW. Approximately 180,000 square feet of demarcation fabric and vegetated barrier was installed, and approximately 12,000 square feet of asphalt was replaced within the north parking lot to restore the former parking area and maintain the asphalt barrier, preventing direct contact to underlying impacted soils by future occupants.

Groundwater monitoring conducted at the Property over the past 6 years has confirmed that PCB-impacted soil has not impacted local groundwater. PCB analysis of groundwater samples collected from future sampling activities is no longer required.

The Deed Restriction filed for the Property will notify future owners of the Property of the presence and maintenance requirements of the barriers and prevent unacceptable exposures to the remaining PCB-impacts at the Property.

USEPA's review and approval of this completion report will satisfy requirements of the agreement between Kelsey-Hayes and the DDA, and allow transfer of the Property to the DDA for beneficial use.

6. References

ARCADIS G&M of Michigan, LLC. 2009. Application for Risk-Based Cleanup Approval for Polychlorinated Biphenyl Soil Impacts, Former Kelsey Hayes Plant, Milford, Michigan. January 2009.

ARCADIS G&M of Michigan, LLC. 2011. Addendum to the Application for Risk-Based Cleanup Approval for Polychlorinated Biphenyl Soil Impacts, Former Kelsey Hayes Plant, Milford, Michigan. January 2011.

Michigan Department of Environmental Quality. 2005. MDEQ Water Bureau Soil Erosion and Sedimentation Control Program, Soil Erosion and Sedimentation Control Training Manual. 2005.



Tables

Table 1
Groundwater Results
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Plant
Milford, Michigan

| Observation Well | | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 |
|-------------------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Residential DW Criteria | | 0.5 (A) | 0.5 (A) | 0.5 (A) | 0.5 (A) | 0.5 (A) | 0.5 (A) | 0.5 (A) |
| Groundwater Surface Water Interface | | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 | 0.2 (M); 2.6E-5 |
| Groundwater Contract Criteria | Date | 3.3 (A,A) | 3.3 (A,A) | 3.3 (A,A) | 3.3 (A,A) | 3.3 (A,A) | 3.3 (A,A) | 3.3 (A,A) |
| OW01 | 12/19/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW01 | 6/16/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW01 | 6/17/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW01 | 6/16/11 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 |
| OW01 | 6/28/12 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW01 | 6/12/13 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 |
| OW01D | 9/17/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW02D2 | 6/16/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW02D2 | 6/17/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW02D2 | 6/16/11 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 |
| OW02D2 | 6/13/13 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 | <0.52 |
| OW04D | 6/16/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW04D | 6/17/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW04D | 6/16/11 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 |
| OW06D | 9/17/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW06D | 6/17/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW06D | 6/16/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW06D | 6/16/11 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW06D | 6/29/12 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 |
| OW06D | 6/12/13 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW20 | 9/17/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22 | 12/19/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22 | 6/16/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22 | 6/16/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22 | 6/16/11 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22 | 6/27/12 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 |
| OW22 | 6/12/13 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22D | 9/17/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW22D | 12/12/12 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 |
| OW24 | 9/17/08 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW24 | 6/17/09 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW24 | 6/17/10 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| OW24 | 6/17/11 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 |
| OW24 | 6/29/12 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 |

General Notes:

1. All concentrations are in micrograms per liter (µg/L).
2. Cleanup criteria published in the MDEQ Revised Part 201 Cleanup Criteria and Part 213 Risk-based Screening Levels, Part 201 Amendments, effective September 28, 2012.

Acronyms:

| | |
|------|--|
| PCB | Polychlorinated Biphenyls |
| (A) | Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act, Act No. 399 of the Public Acts of 1976. |
| (M) | Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit. |
| (AA) | Comparison to these criteria may take into account an evaluation of whether the hazardous substances are adsorbed to particulates rather than dissolved in water and whether filtered groundwater samples were used to evaluate groundwater. |

Table 2
Confirmation Soil Sample Laboratory and Field Screening Results
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Plant
Milford, Michigan

| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCB Results (mg/kg) | Laboratory Qualifier |
|------------------|-----------|-------------------|----------------------------------|---------------------------------|-------------------------|
| Area 1 | | | | | |
| FL-1-1 | 7/26/2012 | 5.0 | -- | <330 | - |
| FL-1-2 | 7/26/2012 | 4.0 | -- | 41 | J |
| FL-1-3 | 7/26/2012 | 4.0 | -- | 130 | J |
| FL-1-4 | 7/26/2012 | 4.0 | -- | 518 | J |
| FL-1-5 | 7/26/2012 | 5.0 | -- | 55 | J |
| FL-1-6 | 7/26/2012 | 4.0 | -- | 110 | J |
| FL-1-7 | 7/26/2012 | 5.0 | -- | <330 | - |
| FL-1-8 | 7/26/2012 | 5.0 | -- | 12,000 | - |
| FL-1-8 (10 Foot) | 8/2/2012 | 10.0 | -- | 6,100 | - |
| FL-1-8 (15') | 8/16/2012 | 15.0 | -- | <330 | - |
| SW-1-1 | 7/24/2012 | 2.5 | -- | 126 | J |
| SW-1-2 | 7/24/2012 | 2.5 | -- | 134 | J |
| SW-1-3 | 7/24/2012 | 2.5 | -- | <330 | - |
| SW-1-4 | 7/24/2012 | 2.5 | -- | <330 | - |
| SW-1-5 | 7/24/2012 | 2.5 | -- | <330 | - |
| SW-1-6 | 7/24/2012 | 2.5 | -- | <330 | - |
| SW-1-7 | 7/24/2012 | 2.5 | -- | <330 | - |
| SW-1-8 | 7/24/2012 | 2.5 | -- | 419 | J |
| SW-1-9 | 7/24/2012 | 2.5 | -- | 169 | J |
| SW-1-10 | 7/24/2012 | 2.5 | -- | 126 | J |
| SW-1-11 | 7/24/2012 | 2.5 | -- | 127 | J |
| SW-1-12 | 7/24/2012 | 2.5 | -- | 26 | J |
| SW-1-13 | 7/24/2012 | 2.5 | -- | 845 | J |
| SW-1-14 | 7/25/2012 | 2.5 | -- | 141 | J |
| SW-1-15 | 7/25/2012 | 2.5 | -- | 481 | J |
| SW-1-16 | 7/25/2012 | 2.5 | -- | 7,740 | - |
| SW-1-16(2) | 8/2/2012 | 2.5 | -- | 58 | J |
| SW-1-16 (Floor) | 8/2/2012 | 2.5 | -- | 39 | J |
| SW-1-17 | 7/26/2012 | 2.5 | -- | 29 | J |
| SW-1-18 | 7/26/2012 | 2.5 | -- | <330 | - |
| SW-1-19 | 7/27/2012 | 2.5 | -- | <330 | - |
| SW-1-20 | 7/27/2012 | 2.5 | -- | 1,830 | - |
| SW-1-21 | 7/27/2012 | 2.5 | -- | 8,120 | - |
| SW-1-22 | 7/27/2012 | 2.5 | -- | <330 | - |
| SW-1-23 | 7/27/2012 | 2.5 | -- | 3,800 | J |
| SW-1-24 | 7/27/2012 | 2.5 | -- | 750 | J |
| Area 1A | | | | | |
| SW-1A-1 | 7/17/2012 | 2.5 | -- | 1,800 | J |
| SW-1A-2 | 7/17/2012 | 2.5 | -- | 10,800 | - |
| SW-1A-3 | 7/17/2012 | 2.5 | -- | 3,700 | - |
| SW-1A-4 | 7/17/2012 | 2.5 | -- | 13,500 | - |
| SW-1A-5 | 7/17/2012 | 2.5 | -- | 940 | - |
| SW-1A-6 | 7/17/2012 | 2.5 | -- | 10,400 | - |

See Notes on Page 4.

Table 2
Confirmation Soil Sample Laboratory and Field Screening Results
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Plant
Milford, Michigan

| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCB Results (mg/kg) | Laboratory Qualifier |
|--------------------------|------------|-------------------|----------------------------------|---------------------------------|-------------------------|
| Area 3A | | | | | |
| 3-SW-1 | 7/30/2012 | 2.5 | -- | 180 | J |
| 3-SW-2 | 7/30/2012 | 2.5 | -- | 15,000 | Q/* |
| 3-SW-2(2) | 8/3/2012 | 2.5 | -- | 4,500 | Q |
| 3-SW-3 | 7/30/2012 | 2.5 | -- | 38,800 | Q |
| 3-SW-3(2) | 8/3/2012 | 2.5 | -- | 56 | J |
| 3-SW-4 | 7/30/2012 | 2.5 | -- | 338,000 | Q/E/P |
| 3-SW-4(2) | 8/3/2012 | 2.5 | -- | 20,000 | Q |
| 3-SW-5 | 7/30/2012 | 2.5 | -- | 32,300 | Q/E |
| 3-SW-5(2) | 8/3/2012 | 2.5 | -- | 1,500 | - |
| 3-SW-6 | 7/30/2012 | 2.5 | -- | 16,600 | Q |
| 3-SW-6(2) | 8/3/2012 | 2.5 | -- | 260 | J |
| 3-SW-7 | 7/30/2012 | 2.5 | -- | 13,950 | Q/J |
| 3-SW-7(2) | 8/3/2012 | 2.5 | -- | 91 | J |
| 3-SW-8 | 7/30/2012 | 2.5 | -- | <330 | - |
| 3-SW-9 | 7/30/2012 | 2.5 | -- | 1,900 | - |
| 3-SW-10 | 7/30/2012 | 2.5 | -- | <330 | - |
| 3-SW-11 | 8/3/2012 | 2.5 | -- | 41,000 | Q |
| 3-SW-12 | 8/3/2012 | 2.5 | -- | 200 | J |
| 3-SW-13 | 8/3/2012 | 2.5 | -- | 320 | J |
| HA1 (2.3') | 8/7/2012 | 2.3 | -- | 5,000 | Q |
| HA2 (2.5') | 8/7/2012 | 2.5 | -- | 9,500 | Q/J |
| HA3 (2.5') | 8/7/2012 | 2.5 | -- | 1,280 | - |
| HA4 (2.5') | 8/7/2012 | 2.5 | -- | 58,500 | Q |
| HA5 (2.5') | 8/15/2012 | 2.5 | -- | 720 | J |
| HA6 (2.5') | 8/15/2012 | 2.5 | -- | 370 | J |
| Area 3B | | | | | |
| FL-1-13 (8.0) | 10/16/2013 | 8.0 | 1.35 | NA | - |
| FL-1-13 (9.7) | 10/17/2013 | 9.7 | 0.97 | 670 | - |
| FL-2-13 (6.5) | 10/16/2013 | 6.5 | < 0.5 | 1,700 | - |
| FL-2-13 (6.5) RE- RUN | 10/17/2013 | 6.5 | 0.93 | 120 | J |
| FL-3-13 (9.5) | 10/17/2013 | 9.5 | < 0.5 | 23 | J |
| FL-4-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 53 | J |
| FL-5-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | < 330 | - |
| FL-6-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 13 | J |
| FL-7-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | < 330 | - |
| FL-8-13 (9.5) | 10/21/2013 | 9.5 | 0.67 | 430 | - |
| FL-9-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 220 | J |
| FL-10-13 (9.0) | 10/22/2013 | 9.0 | 2.91 | -- | - |
| FL-10-13 (10.0) | 10/22/2013 | 10.0 | 2.09 | -- | - |
| FL-10-13 (11.0) | 10/24/2013 | 11.0 | -- | 1,600 | - |
| FL-10-13 (12.0) | 10/25/2013 | 12.0 | < 0.5 | < 330 | - |
| FL-11-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 17 | J |
| FL-12-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 38 | J |
| FL-13-13 (9.0) | 10/22/2013 | 9.0 | 1.58 | -- | - |
| FL-13-13 (10.0) | 10/25/2013 | 10.0 | -- | 19 | J |
| FL-14-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 24 | J |
| FL-15-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 120 | J |
| FL-16-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | < 330 | - |
| FL-17-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 420 | - |
| FL-18-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | < 330 | - |
| FL-19-13 (9.0) | 10/22/2013 | 9.0 | 4.74 | -- | - |
| FL-19-13 (10.0) | 10/25/2013 | 10.0 | -- | < 330 | - |
| FL-20-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 530 | - |
| FL-21-13 (9.0) | 10/22/2013 | 9.0 | 2.13 | -- | - |
| FL-21-13 (10.0) | 10/25/2013 | 10.0 | -- | < 330 | - |
| FL-22-13 (5.0) | 10/22/2013 | 5.0 | 2.40 | -- | - |

See Notes on Page 4.

Table 2
Confirmation Soil Sample Laboratory and Field Screening Results
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Plant
Milford, Michigan

| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCB Results (mg/kg) | Laboratory Qualifier |
|--------------------------|------------|-------------------|----------------------------------|---------------------------------|-------------------------|
| Area 3B continued | | | | | |
| FL-22-13 (6.0) | 10/22/2013 | 6.0 | < 0.5 | < 330 | - |
| FL-23-13 (5.0) | 10/22/2013 | 5.0 | 1.72 | -- | - |
| FL-23-13 (6.0) | 10/22/2013 | 6.0 | 3.33 | -- | - |
| FL-23-13 (7.0) | 10/24/2013 | 7.0 | -- | 15 | J |
| FL-24-13 (5.0) | 10/22/2013 | 5.0 | 7.11 | -- | - |
| FL-24-13 (6.0) | 10/22/2013 | 6.0 | 2.77 | -- | - |
| FL-24-13 (7.0) | 10/24/2013 | 7.0 | -- | 60 | J |
| FL-25-13 (5.0) | 10/22/2013 | 5.0 | < 0.5 | 26 | J |
| FL-26-13 (7.0) | 10/29/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-27-13 (5.0) | 10/29/2013 | 5.0 | < 0.5 | 45 | J |
| FL-28-13 (5.0) | 10/29/2013 | 5.0 | < 0.5 | 21 | J |
| FL-29-13 (10.5) | 10/30/2013 | 10.5 | < 0.5 | < 330 | - |
| FL-30-13 (10.5) | 10/30/2013 | 10.5 | < 0.5 | < 330 | - |
| FL-31-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 15 | J |
| FL-32-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 72 | J |
| FL-33-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | < 330 | - |
| FL-34-13 (5.0) | 10/30/2013 | 5.0 | 0.8859 | 10 | J |
| FL-35-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 57 | J |
| FL-36-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 32 | J |
| FL-39-13 (5.0) | 10/31/2013 | 5.0 | 1.05 | 230 | J |
| FL-40-13 (5.0) | 10/31/2013 | 5.0 | 9.37 | -- | - |
| FL-41-13 (5.0) | 10/31/2013 | 5.0 | 1.61 | 540 | - |
| FL-42-13 (5.0) | 10/31/2013 | 5.0 | 4.59 | 1,200 | - |
| FL-43-13 (5.0) | 10/31/2013 | 5.0 | 1.03 | -- | - |
| FL-44-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 43 | J |
| FL-45-13 (5.0) | 10/31/2013 | 5.0 | 3.31 | 1,400 | - |
| FL-46-13 (5.0) | 10/31/2013 | 5.0 | 0.66 | 110 | J |
| FL-47-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 111 | J |
| FL-48-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 37 | J |
| FL-49-13 (6.0) | 11/1/2013 | 6.0 | 2.67 | -- | - |
| FL-50-13 (6.0) | 11/1/2013 | 6.0 | < 0.5 | < 330 | - |
| FL-51-13 (7.0) | 11/1/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-52-13 (6.0) | 11/1/2013 | 7.0 | 10.64 | -- | - |
| FL-53-13 (7.0) | 11/1/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-54-13 (5.0) | 11/4/2013 | 5.0 | < 0.5 | 18 | J |
| FL-55-13 (5.0) | 11/4/2013 | 5.0 | < 0.5 | 152 | J |
| FL-56-13 (7.0) | 11/4/2013 | 6.0 | < 0.5 | 14 | J |
| SW-1-13 (3.5) | 10/16/2013 | 3.5 | 0.51 | 270 | J |
| SW-2-13 (3.5) | 10/16/2013 | 3.5 | < 0.5 | <330 | - |
| SW-3-13 (3.5) | 10/16/2013 | 3.5 | 0.95 | 940 | - |
| SW-4-13 (4.5) | 10/22/2013 | 4.5 | 2.98 | -- | - |
| SW-5-13 (4.5) | 10/22/2013 | 4.5 | 0.82 | < 330 | - |
| SW-6-13 (2.5) | 10/22/2013 | 2.5 | < 0.5 | 65 | J |
| SW-7-13 (5.0) | 10/25/2013 | 5.0 | -- | < 330 | - |
| SW-8-13 (3.5) | 10/29/2013 | 3.5 | < 0.5 | < 330 | - |
| SW-9-13 (2.5) | 10/29/2013 | 2.5 | < 0.5 | 65 | J |
| SW-10-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | < 330 | - |
| SW-11-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 449 | - |
| SW-12-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 24 | J |
| SW-13-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 334 | J |
| SW-14-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | < 330 | - |
| SW-15-13 (2.5) | 10/31/2013 | 2.5 | 21.78 | -- | - |
| SW-16-13 (2.5) | 10/31/2013 | 2.5 | 6.75 | -- | - |
| SW-17-13 (2.5) | 10/31/2013 | 2.5 | 0.66 | 18 | J |
| SW-18-13 (2.5) | 10/31/2013 | 2.5 | 2.76 | 590 | - |
| SW-19-13 (2.5) | 10/31/2013 | 2.5 | 1.96 | 570 | - |
| SW-20-13 (3.0) | 11/1/2013 | 3.0 | 9.85 | -- | - |
| SW-21-13 (3.0) | 11/1/2013 | 3.0 | 0.81 | 233 | J |
| SW-22-13 (2.5) | 11/1/2013 | 2.5 | < 0.5 | 218 | J |
| SW-23-13 (2.5) | 11/4/2013 | 2.5 | < 0.5 | < 330 | - |

See Notes on Page 4.

Table 2
Confirmation Soil Sample Laboratory and Field Screening Results
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Plant
Milford, Michigan

| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCB Results (mg/kg) | Laboratory Qualifier |
|----------------|-----------|----------------|-------------------------------|---------------------------|----------------------|
| Area 4 | | | | | |
| FL-57-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-58-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-59-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-60-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | 46 | J |
| FL-61-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | 58 | J |
| FL-62-13 (3.0) | 11/4/2013 | 3.0 | 0.6033 | 254 | J |
| SW-24-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | <330 | - |
| SW-25-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | <330 | - |
| SW-26-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | 17 | J |
| SW-27-13 (1.5) | 11/4/2013 | 1.5 | 1.23 | -- | - |
| SW-28-13 (1.5) | 11/4/2013 | 1.5 | 5.68 | -- | - |
| SW-29-13 (1.5) | 11/5/2013 | 1.5 | < 0.5 | 35 | J |
| SW-30-13 (1.5) | 11/5/2013 | 1.5 | < 0.5 | 40 | J |

General Notes:

1. All concentrations are in micrograms per kilogram (µg/kg).
2. < denotes result is less than indicated detection limit.
3. All field screening results are in parts per million (ppm)
4. Shaded row denotes sample was over-excavated.

Footnote:

- * Surrogate recovery is outside stated control limits

Acronyms:

- Sample contained no laboratory qualifier
- Not analyzed or field screened
- J Total PCB detected below lower reporting limit
- E Result concentration exceeded the calibration range, therefore the result is an estimate
- NA Not analyzed
- P The percent difference between the original and confirmation analyses is greater than 25%
- PCB Polychlorinated Biphenyls
- Q The reporting limit was elevated due to high analyte levels
- ft bgs Feet below ground surface

Table 3
Vegetated Barrier Thickness
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Site
Milford, Michigan

| Location ID | Coordinates | | Top of Demarcation Fabric (feet amsl) | Top of Soil Cover (feet amsl) | Thickness (feet) | Survey Date |
|-------------|-------------|------------|---------------------------------------|-------------------------------|------------------|-------------|
| | X Easting | Y Northing | | | | |
| SC01 | 13328920.41 | 399104.54 | 957.11 | 958.13 | 1.0 | 11/22/13 |
| SC02 | 13328940.47 | 399105.38 | 958.11 | 959.30 | 1.2 | 11/22/13 |
| SC03 | 13328960.47 | 399106.28 | 958.28 | 959.38 | 1.1 | 11/22/13 |
| SC04 | 13328980.41 | 399107.18 | 957.93 | 958.95 | 1.0 | 11/22/13 |
| SC05 | 13329000.36 | 399108.11 | 958.04 | 959.05 | 1.0 | 11/22/13 |
| SC06 | 13329020.55 | 399109.09 | 956.55 | 958.22 | 1.7 | 11/22/13 |
| SC07 | 13329001.25 | 399088.09 | 952.94 | 954.43 | 1.5 | 11/22/13 |
| SC08 | 13328981.34 | 399087.16 | 951.49 | 953.36 | 1.9 | 11/22/13 |
| SC09 | 13328961.32 | 399086.33 | 951.48 | 952.54 | 1.1 | 11/22/13 |
| SC10 | 13328941.36 | 399085.43 | 950.90 | 952.34 | 1.4 | 11/22/13 |
| SC11 | 13328921.39 | 399084.57 | 950.20 | 951.38 | 1.2 | 11/22/13 |
| SC12 | 13328917.84 | 399164.50 | 958.30 | 959.30 | 1.0 | 11/22/13 |
| SC13 | 13328918.73 | 399144.47 | 958.08 | 959.11 | 1.0 | 11/22/13 |
| SC14 | 13328919.59 | 399124.57 | 957.85 | 958.85 | 1.0 | 11/22/13 |
| SC15 | 13328922.32 | 399064.51 | 943.42 | 944.62 | 1.2 | 11/22/13 |
| SC16 | 13328942.28 | 399065.39 | 944.34 | 945.39 | 1.1 | 11/22/13 |
| SC17 | 13328962.19 | 399066.33 | 944.84 | 946.31 | 1.5 | 11/22/13 |
| SC18 | 13328982.22 | 399067.20 | 946.07 | 948.38 | 2.3 | 11/22/13 |
| SC19 | 13329002.25 | 399067.99 | 951.78 | 952.84 | 1.1 | 11/22/13 |
| SC20 | 13329003.04 | 399048.22 | 949.28 | 951.95 | 2.7 | 11/22/13 |
| SC21 | 13328983.14 | 399047.21 | 945.28 | 947.32 | 2.0 | 11/22/13 |
| SC22 | 13328963.16 | 399046.36 | 942.73 | 944.44 | 1.7 | 11/22/13 |
| SC23 | 13328943.07 | 399045.44 | 942.13 | 943.33 | 1.2 | 11/22/13 |
| SC24 | 13328923.16 | 399044.63 | 941.50 | 942.51 | 1.0 | 11/22/13 |
| SC25 | 13328924.03 | 399024.57 | 940.17 | 941.17 | 1.0 | 11/22/13 |
| SC26 | 13328944.06 | 399025.58 | 941.52 | 942.57 | 1.1 | 11/22/13 |
| SC27 | 13328964.01 | 399026.40 | 942.10 | 943.68 | 1.6 | 11/22/13 |
| SC28 | 13328984.07 | 399027.26 | 946.72 | 948.09 | 1.4 | 11/22/13 |
| SC29 | 13329003.97 | 399028.14 | 949.16 | 951.44 | 2.3 | 11/22/13 |
| SC30 | 13329023.90 | 399028.98 | 950.59 | 951.89 | 1.3 | 11/22/13 |
| SC31 | 13329024.78 | 399009.06 | 950.64 | 951.64 | 1.0 | 11/22/13 |
| SC32 | 13329004.89 | 399008.16 | 948.94 | 951.26 | 2.3 | 11/22/13 |
| SC33 | 13328984.98 | 399007.23 | 946.70 | 949.31 | 2.6 | 11/22/13 |
| SC34 | 13328964.94 | 399006.40 | 942.46 | 944.16 | 1.7 | 11/22/13 |
| SC35 | 13328944.83 | 399005.52 | 941.22 | 942.21 | 1.0 | 11/22/13 |
| SC36 | 13328924.89 | 399004.65 | 939.45 | 940.41 | 1.0 | 11/22/13 |
| SC37 | 13328925.78 | 398984.52 | 939.11 | 940.15 | 1.0 | 11/22/13 |
| SC38 | 13328945.76 | 398985.55 | 941.64 | 942.64 | 1.0 | 11/22/13 |
| SC39 | 13328965.79 | 398986.48 | 943.71 | 945.18 | 1.5 | 11/22/13 |
| SC40 | 13328985.84 | 398987.25 | 948.27 | 949.80 | 1.5 | 11/22/13 |
| SC41 | 13329005.73 | 398988.16 | 950.40 | 951.38 | 1.0 | 11/22/13 |
| SC42 | 13329025.58 | 398989.10 | 950.46 | 951.58 | 1.1 | 11/22/13 |
| SC43 | 13329184.14 | 399152.12 | 956.53 | 957.53 | 1.0 | 11/22/13 |
| SC44 | 13329151.92 | 399152.69 | 957.13 | 958.32 | 1.2 | 11/22/13 |
| SC45 | 13329152.36 | 399196.25 | 957.89 | 958.91 | 1.0 | 11/22/13 |
| SC46 | 13329115.35 | 399191.70 | 957.91 | 958.92 | 1.0 | 11/22/13 |
| SC47 | 13329124.03 | 399122.43 | 954.83 | 955.92 | 1.1 | 11/22/13 |
| SC48 | 13329068.99 | 399186.55 | 957.62 | 958.83 | 1.2 | 11/22/13 |
| SC49 | 13329070.03 | 399152.16 | 956.31 | 957.41 | 1.1 | 11/22/13 |

See Notes on last page.

Table 3
Vegetated Barrier Thickness
Completion Report for Risk-Based Cleanup of PCB Soil Impacts
Former Kelsey-Hayes Site
Milford, Michigan

| Location ID | Coordinates | | Top of Demarcation Fabric (feet amsl) | Top of Soil Cover (feet amsl) | Thickness (feet) | Survey Date |
|-------------|-------------|------------|---------------------------------------|-------------------------------|------------------|-------------|
| | X Easting | Y Northing | | | | |
| SC50 | 13328927.49 | 399232.10 | 959.02 | 960.01 | 1.0 | 11/22/13 |
| SC51 | 13329107.29 | 399059.11 | 952.25 | 953.25 | 1.0 | 11/22/13 |
| SC52 | 13329108.63 | 399039.11 | 951.31 | 952.27 | 1.0 | 11/22/13 |
| SC53 | 13329118.05 | 398869.64 | 940.85 | 942.17 | 1.3 | 11/22/13 |
| SC54 | 13329120.08 | 398840.10 | 940.19 | 941.21 | 1.0 | 11/22/13 |
| SC55 | 13329120.83 | 398792.69 | 939.14 | 940.13 | 1.0 | 11/22/13 |
| SC56 | 13329143.84 | 398793.91 | 939.32 | 940.28 | 1.0 | 11/22/13 |
| SC57 | 13328894.25 | 399640.58 | 958.50 | 959.57 | 1.1 | 10/3/12 |
| SC58 | 13328985.46 | 399648.32 | 958.15 | 959.17 | 1.0 | 10/3/12 |
| SC59 | 13328918.56 | 399536.79 | 958.73 | 959.84 | 1.1 | 10/3/12 |
| SC60 | 13329033.89 | 399537.12 | 959.16 | 960.20 | 1.0 | 10/3/12 |
| SC61 | 13329124.95 | 399539.24 | 958.31 | 959.33 | 1.0 | 10/3/12 |
| SC62 | 13329139.73 | 399451.14 | 958.28 | 959.45 | 1.2 | 10/3/12 |
| SC63 | 13329066.06 | 399445.09 | 958.76 | 959.89 | 1.1 | 10/3/12 |
| SC64 | 13328979.53 | 399437.15 | 959.09 | 960.30 | 1.2 | 10/3/12 |
| SC65 | 13328898.24 | 399440.33 | 958.45 | 959.69 | 1.2 | 10/3/12 |
| SC66 | 13328917.72 | 399341.20 | 958.90 | 959.90 | 1.0 | 10/3/12 |
| SC67 | 13328961.93 | 399346.86 | 958.75 | 959.94 | 1.2 | 10/3/12 |
| SC68 | 13329011.10 | 399354.90 | 959.10 | 960.14 | 1.0 | 10/3/12 |
| SC69 | 13329058.66 | 399361.41 | 958.93 | 960.11 | 1.2 | 10/3/12 |
| SC70 | 13329107.47 | 399367.33 | 958.50 | 959.68 | 1.2 | 10/3/12 |
| SC71 | 13329153.25 | 399376.25 | 957.93 | 958.97 | 1.0 | 10/3/12 |
| SC72 | 13329166.13 | 399320.90 | 957.74 | 958.94 | 1.2 | 10/3/12 |
| SC73 | 13329131.48 | 399316.99 | 958.41 | 959.48 | 1.1 | 10/3/12 |
| SC74 | 13329083.79 | 399310.32 | 958.66 | 959.79 | 1.1 | 10/3/12 |
| SC75 | 13329034.69 | 399302.74 | 958.81 | 960.09 | 1.3 | 10/3/12 |
| SC76 | 13328980.62 | 399295.50 | 958.80 | 959.90 | 1.1 | 10/3/12 |
| SC77 | 13328920.97 | 399287.16 | 958.77 | 959.83 | 1.1 | 10/3/12 |
| SC78 | 13328926.61 | 399236.07 | 958.96 | 959.98 | 1.0 | 10/3/12 |
| SC79 | 13328980.38 | 399234.28 | 958.90 | 959.97 | 1.1 | 10/3/12 |
| SC80 | 13329032.82 | 399234.22 | 958.47 | 959.49 | 1.0 | 10/3/12 |
| SC81 | 13329080.70 | 399242.95 | 958.53 | 959.57 | 1.0 | 10/3/12 |
| SC82 | 13329132.29 | 399252.56 | 958.06 | 959.30 | 1.2 | 10/3/12 |
| SC83 | 13329176.49 | 399261.82 | 958.31 | 959.37 | 1.1 | 10/3/12 |
| SC84 | 13329183.75 | 399218.11 | 957.23 | 958.23 | 1.0 | 10/3/12 |
| SC85 | 13329149.19 | 399211.14 | 957.69 | 958.88 | 1.2 | 10/3/12 |
| SC86 | 13329108.40 | 399204.98 | 958.07 | 959.12 | 1.0 | 10/3/12 |
| SC87 | 13329063.22 | 399199.47 | 957.87 | 958.90 | 1.0 | 10/3/12 |
| SC88 | 13329022.44 | 399196.60 | 958.77 | 959.78 | 1.0 | 10/3/12 |
| SC89 | 13329123.18 | 398968.69 | 947.23 | 948.45 | 1.2 | 10/3/12 |
| SC90 | 13329154.33 | 398969.10 | 946.52 | 948.02 | 1.5 | 10/3/12 |
| SC91 | 13329204.38 | 398971.67 | 947.45 | 948.63 | 1.2 | 10/3/12 |
| SC92 | 13329199.08 | 398963.12 | 944.79 | 945.98 | 1.2 | 10/3/12 |
| SC93 | 13329148.85 | 398962.46 | 945.04 | 946.04 | 1.0 | 10/3/12 |
| SC94 | 13329132.89 | 398964.29 | 946.06 | 947.18 | 1.1 | 10/3/12 |

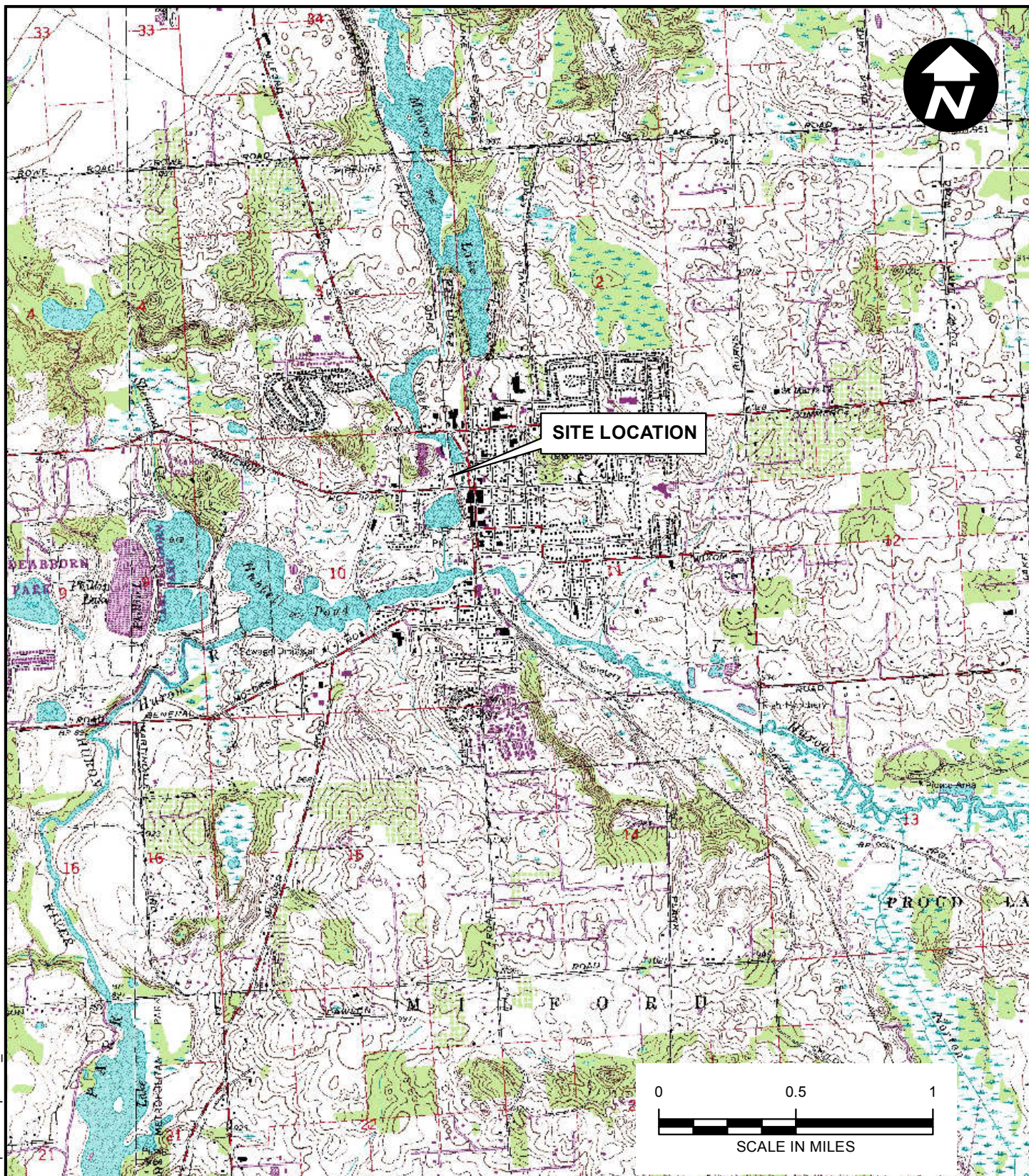
General Notes:

- Barrier elevations surveyed by BMJ Engineers & Surveyors, Inc. using the NAVD88.

Acronyms:

feet amsl Feet above mean sea level

Figures



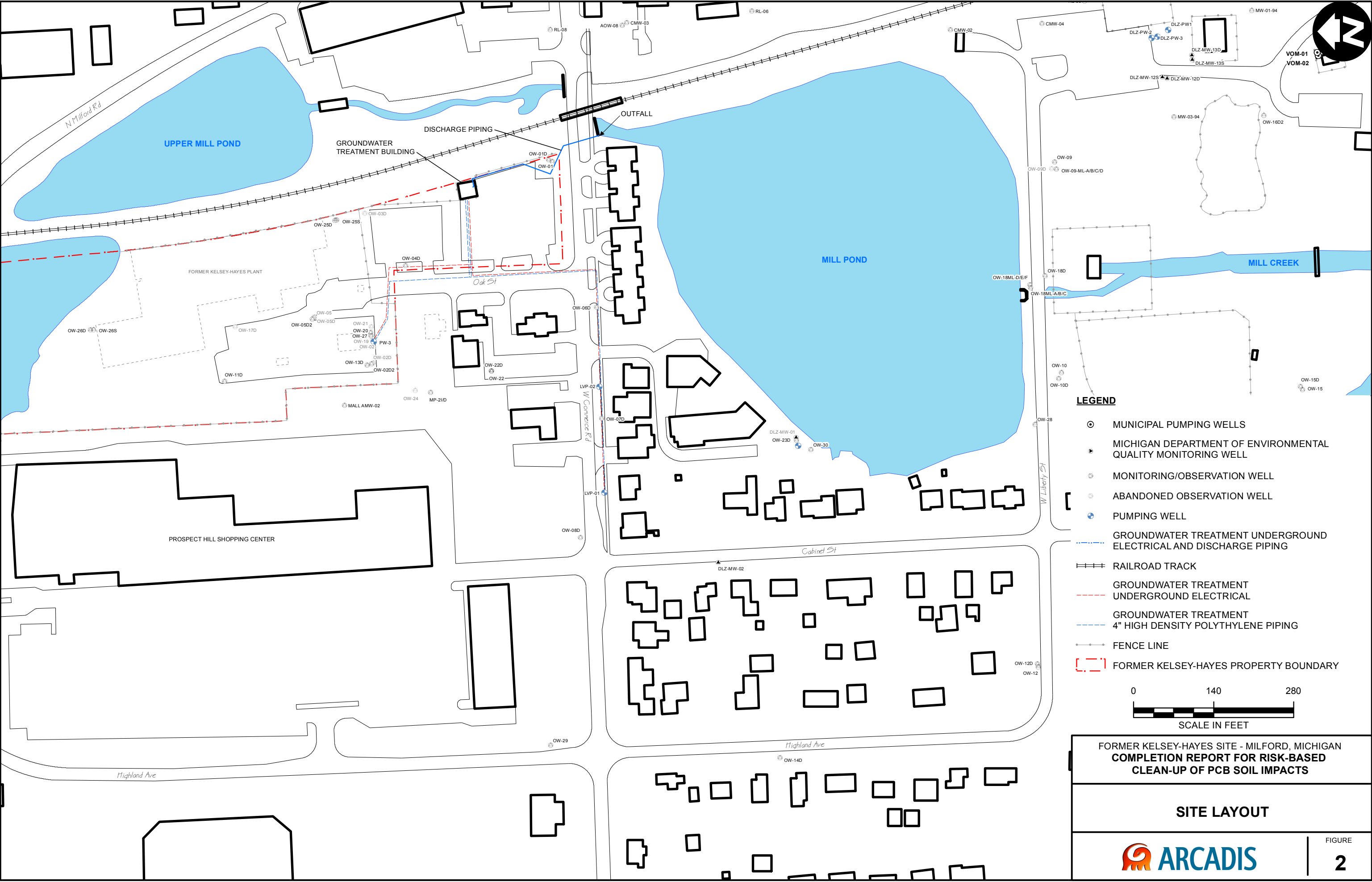
FORMER KELSEY-HAYES SITE - MILFORD, MICHIGAN
 COMPLETION REPORT FOR RISK-BASED
 CLEAN-UP OF PCB SOIL IMPACTS

SITE LOCATION



FIGURE

1



FORMER KELSEY-HAYES SITE - MILFORD, MICHIGAN
COMPLETION REPORT FOR RISK-BASED
CLEAN-UP OF PCB SOIL IMPACTS

SITE LAYOUT

FIGURE 2

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CITY: SYRACUSE, NY DIV: GROUP: ENV: CAD DB: B: D: C: L: E: R: C: Q: K: S: A: R: T: O: R: I: P: M: T: S: C: L: A: F: A: N: I: T: M: J: B: U: R: T: O: N: L: Y: R: O: N: E: "O: F: F: " = "R: E: F: " G: E: N: V: A: C: A: D: S: Y: R: A: C: U: S: E: A: C: T: I: M: 0: 0: 9: 4: 1: 0: 0: 2: 3: 0: 0: 0: 0: 6: D: W: G: A: S: -B: U: I: T: 0: 0: 9: 4: 1: G: 0: 3: .d: w: g: L: A: Y: O: U: T: 3 S: A: V: E: D: 12/19/2013 11:05 AM A: C: A: D: V: E: R: 18.1S (L: M: S: T: E: C: H) P: A: G: E: S: E: T: U: P: - - - P: L: O: T: S: T: Y: L: E: T: A: B: L: E: P: L: O: T: C: O: N: T: C: T: B: P: L: O: T: T: E: D: 12/19/2013 11:05 AM B: Y: S: T: E: I: N: B: E: R: G: E: O: R: G: E

IMAGES:

XREFS:
00941X00
00941X03
00941X04



THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING.

USE TO VERIFY FIGURE REPRODUCTION SCALE

| No. | Date | Revisions | By | Ckd |
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|------------------------------|-------------|--------------|
| Professional Engineer's Name | | |
| Professional Engineer's No. | | |
| State | Date Signed | Project Mgr. |
| MI | | |
| Designed by | Drawn by | Checked by |
| | | |



ARCADIS G&M OF MICHIGAN, LLC.

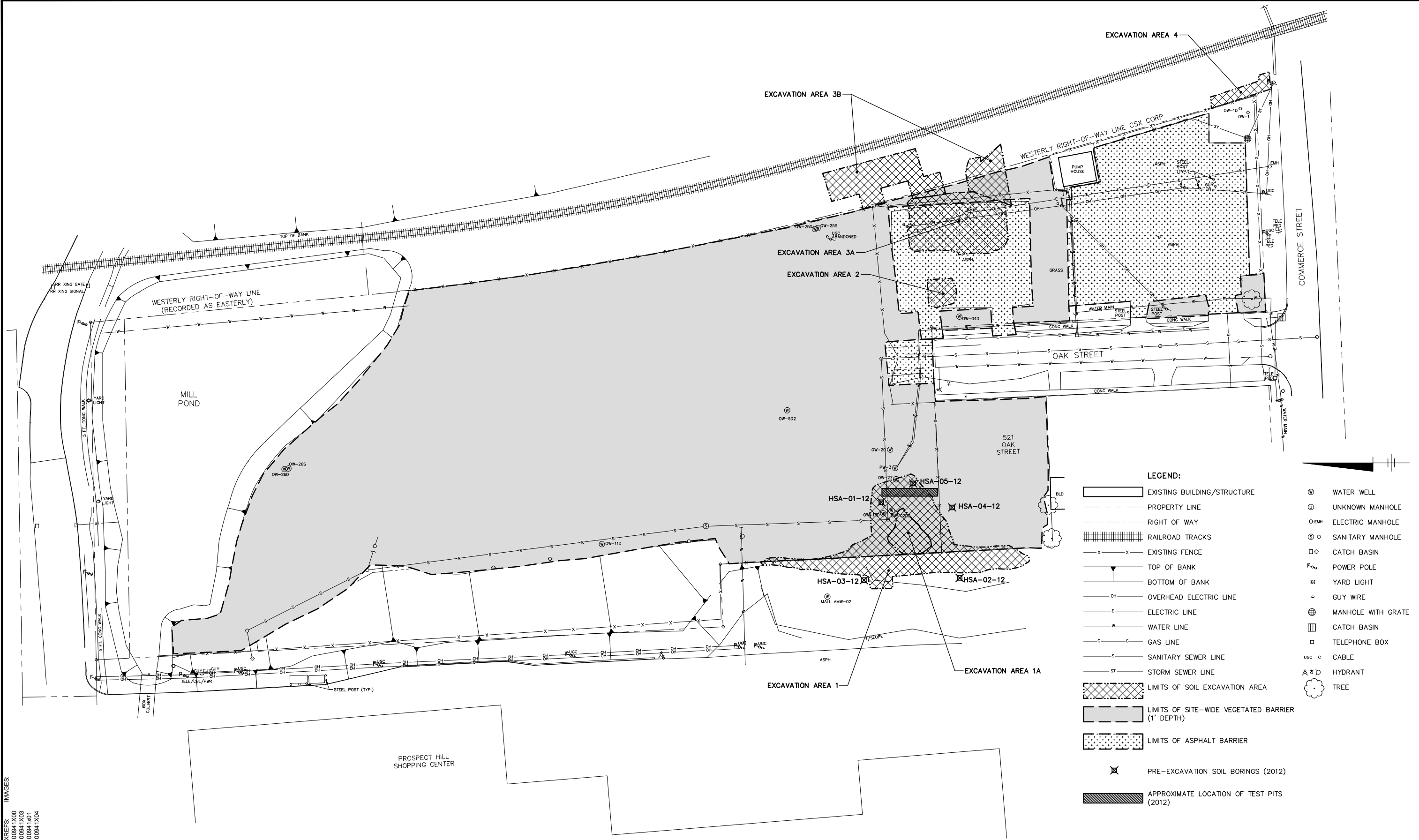
FORMER KELSEY-HAYES SITE • MILFORD, MICHIGAN
COMPLETION REPORT FOR RISK-BASED CLEANUP OF PCB SOIL IMPACTS

EXTENT OF EXCAVATION AREAS AND BARRIERS

ARCADIS Project No.
MI000941.0023.00006

Date
DECEMBER 2013

ARCADIS
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
Tel. 315.446.9120



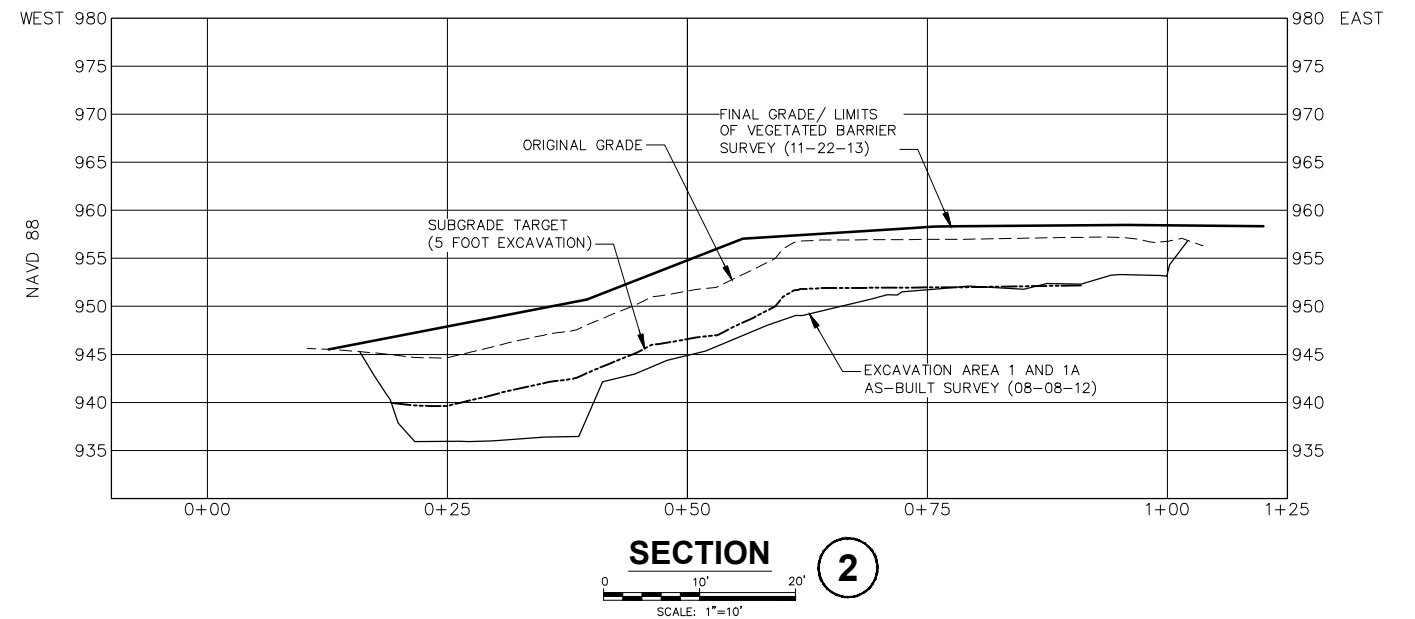
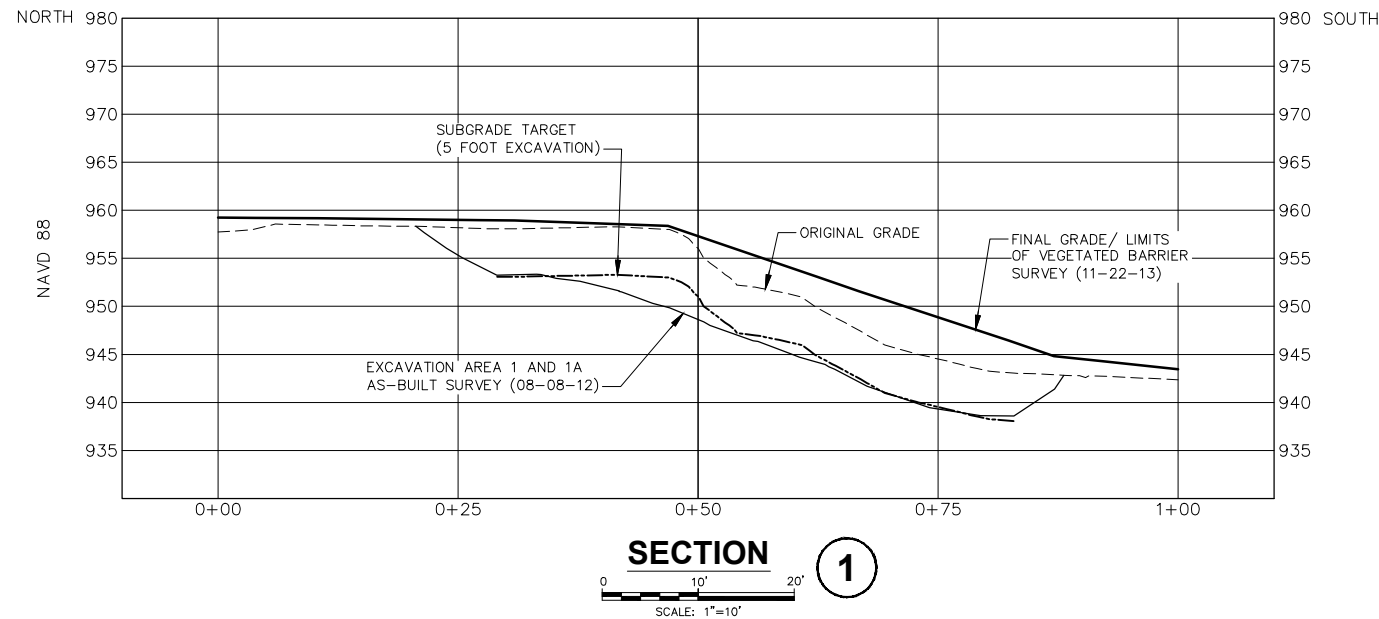
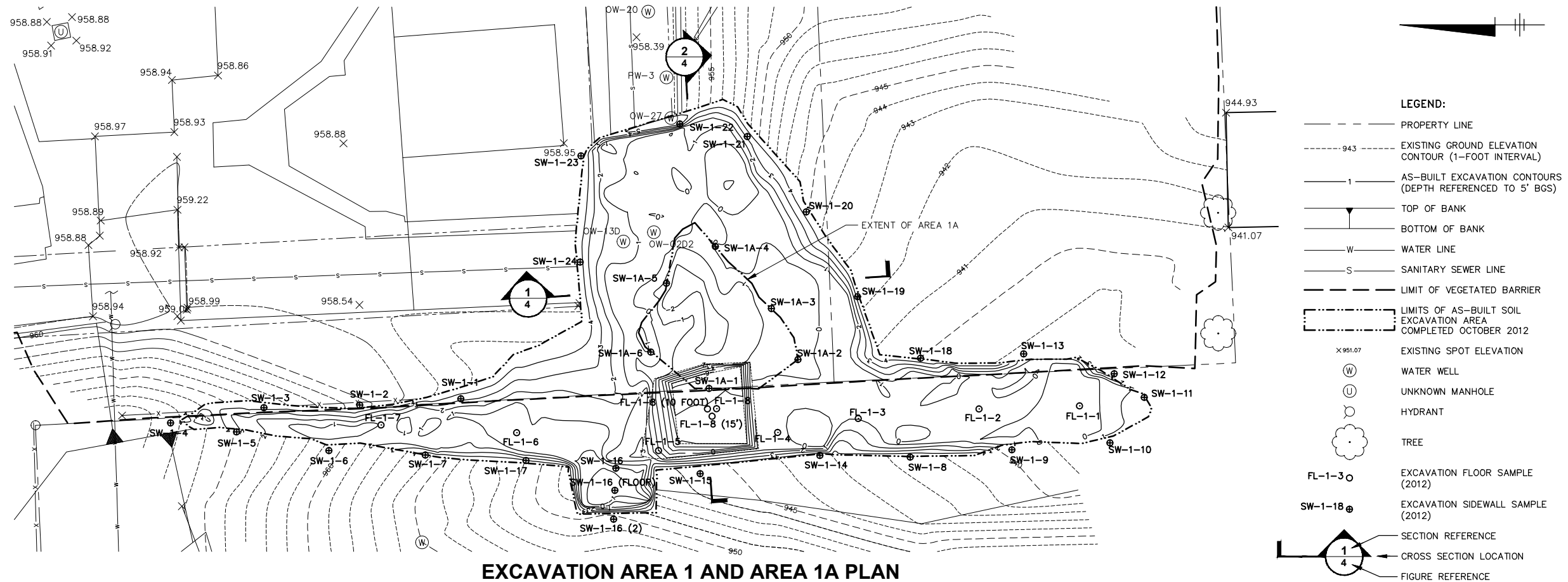
| Sample ID | Date | Depth (ft bgs) | Total PCBs Results ($\mu\text{g/kg}$) | Laboratory Qualifier |
|------------------|-----------|-------------------|---|-------------------------|
| Area 1 | | | | |
| FL-1-1 | 7/26/2012 | 5.0 | <330 | - |
| FL-1-2 | 7/26/2012 | 4.0 | 41 | J |
| FL-1-3 | 7/26/2012 | 4.0 | 130 | J |
| FL-1-4 | 7/26/2012 | 4.0 | 518 | J |
| FL-1-5 | 7/26/2012 | 5.0 | 55 | J |
| FL-1-6 | 7/26/2012 | 4.0 | 110 | J |
| FL-1-7 | 7/26/2012 | 5.0 | <330 | - |
| FL-1-8 | 7/26/2012 | 5.0 | 12,000 | - |
| FL-1-8 (10 Foot) | 8/2/2012 | 10.0 | 6,100 | - |
| FL-1-8 (15') | 8/16/2012 | 15.0 | <330 | - |
| SW-1-1 | 7/24/2012 | 2.5 | 126 | J |
| SW-1-2 | 7/24/2012 | 2.5 | 134 | J |
| SW-1-3 | 7/24/2012 | 2.5 | <330 | - |
| SW-1-4 | 7/24/2012 | 2.5 | <330 | - |
| SW-1-5 | 7/24/2012 | 2.5 | <330 | - |
| SW-1-6 | 7/24/2012 | 2.5 | <330 | - |
| SW-1-7 | 7/24/2012 | 2.5 | <330 | - |
| SW-1-8 | 7/24/2012 | 2.5 | 419 | J |
| SW-1-9 | 7/24/2012 | 2.5 | 169 | J |
| SW-1-10 | 7/24/2012 | 2.5 | 126 | J |
| SW-1-11 | 7/24/2012 | 2.5 | 127 | J |
| SW-1-12 | 7/24/2012 | 2.5 | 26 | J |
| SW-1-13 | 7/24/2012 | 2.5 | 845 | J |
| SW-1-14 | 7/25/2012 | 2.5 | 141 | J |
| SW-1-15 | 7/25/2012 | 2.5 | 481 | J |
| SW-1-16 | 7/25/2012 | 2.5 | 7,740 | - |
| SW-1-16(2) | 8/2/2012 | 2.5 | 58 | J |
| SW-1-16 (Floor) | 8/2/2012 | 2.5 | 39 | J |
| SW-1-17 | 7/26/2012 | 2.5 | 29 | J |
| SW-1-18 | 7/26/2012 | 2.5 | <330 | - |
| SW-1-19 | 7/27/2012 | 2.5 | <330 | - |
| SW-1-20 | 7/27/2012 | 2.5 | 1,830 | - |
| SW-1-21 | 7/27/2012 | 2.5 | 8,120 | - |
| SW-1-22 | 7/27/2012 | 2.5 | <330 | - |
| SW-1-23 | 7/27/2012 | 2.5 | 3,800 | J |
| SW-1-24 | 7/27/2012 | 2.5 | 750 | J |
| Area 1A | | | | |
| SW-1A-1 | 7/17/2012 | 2.5 | 1,800 | J |
| SW-1A-2 | 7/17/2012 | 2.5 | 10,800 | - |
| SW-1A-3 | 7/17/2012 | 2.5 | 3,700 | - |
| SW-1A-4 | 7/17/2012 | 2.5 | 13,500 | - |
| SW-1A-5 | 7/17/2012 | 2.5 | 940 | - |
| SW-1A-6 | 7/17/2012 | 2.5 | 10,400 | - |

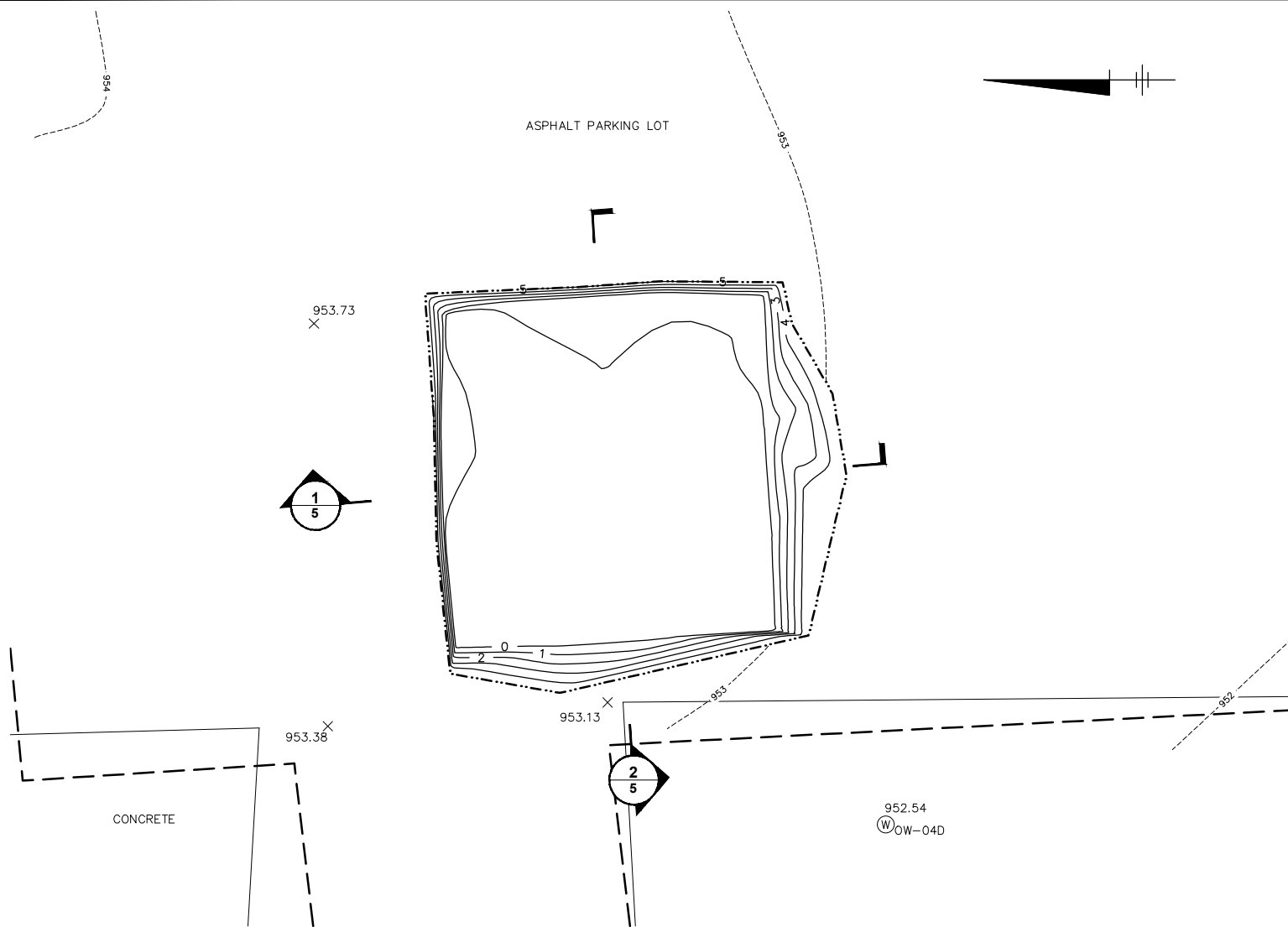
Acronyms:

- Not analyzed or field screened
- Sample contained no laboratory qualifier
- J Total PCB detected below lower reporting limit
- E Result concentration exceeded the calibration range, therefore the result is an estimate
- NA Not analyzed
- P The percent difference between the original and confirmation analyses is greater than 25%
- PCB Polychlorinated Biphenyls
- Q The reporting limit was elevated due to high analyte levels
- * Surrogate recovery is outside stated control limits

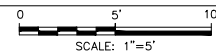
ft bgs Feet below ground surface

Sample was over-excavated





EXCAVATION AREA 2 PLAN



LEGEND:


LIMITS OF AS-BUILT SOIL
EXCAVATION AREA
COMPLETED OCTOBER 2012

SECTION REFERENCE

CROSS SECTION LOCATION

FIGURE REFERENCE

SCALES AS INDICATED

THIS BAR
REPRESENTS ONE
INCH ON THE
ORIGINAL DRAWING:

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FIGURE
REPRODUCTION
SCALE

USE TO VERIFY
FIGURE
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| | | |
|-------|-------------|-------------|
| State | Date Signed | Project Mgr |
|-------|-------------|-------------|

| | | |
|-------------|----------|------------|
| Designed by | Drawn by | Checked by |
|-------------|----------|------------|



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FORMER KELSEY-HAYES SITE • MILFORD, MICHIGAN
COMPLETION REPORT FOR RISK-BASED CLEANUP OF PCB SOIL IMPACTS

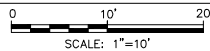
EXTENT OF EXCAVATION - AREA 2

ARCADIS Project No.
MI000941.0023.00006

Date
DECEMBER 2013

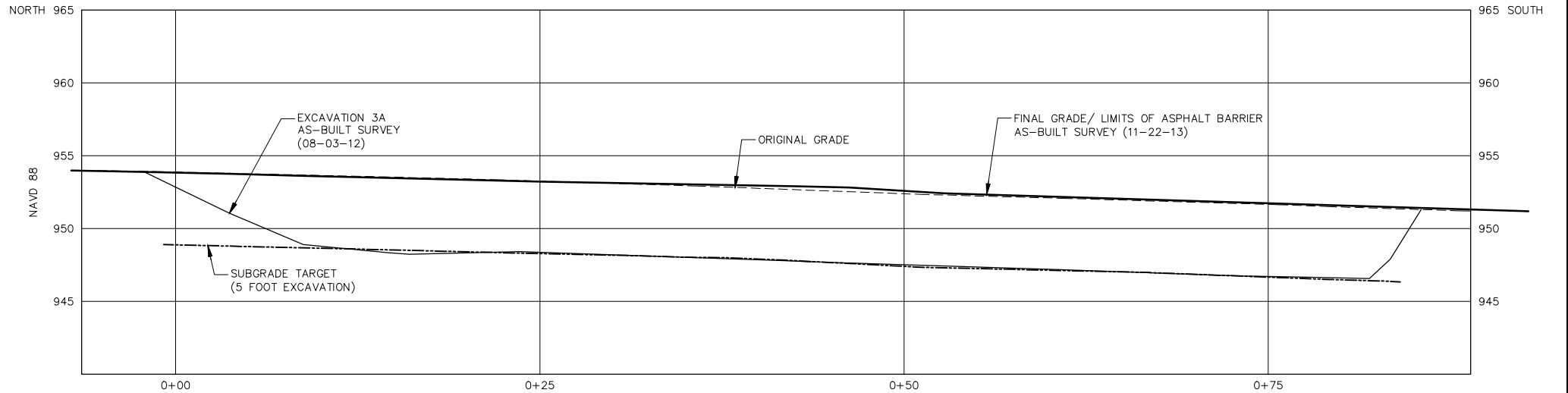
ARCADIS
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214-0066
Tel. 315.446.9120

EXCAVATION AREA 3A PLAN

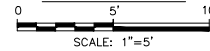


LEGEND:

- | | | | |
|-----------------|--|------------------|---------------------------------------|
| — — — — — | PROPERTY LINE | — E — | ELECTRIC LINE |
| ----- 943 ----- | EXISTING GROUND ELEVATION CONTOUR (1-FOOT INTERVAL) | — — — — — | LIMIT OF VEGETATED BARRIER |
| —— 1 —— | AS-BUILT EXCAVATION CONTOUR (DEPTH REFERENCED TO 5' BGS) | [- - - - -] | LIMITS OF AS-BUILT SOIL EXCAVATION |
| × 951.07 | EXISTING SPOT ELEVATION | P ₉₅₀ | POWER POLE |
| — x — x — | EXISTING FENCE | | SECTION REFERENCE |
| — OH — | OVERHEAD ELECTRIC LINE | | CROSS SECTION LOCATION |
| 3-SW-4 ⊕ | EXCAVATION SIDEWALL SAMPLE (2012) | | FIGURE REFERENCE |
| HAS | SOIL BORINGS (AUGUST 2012, DEPTH = 2.5 FEET) | | |



SECTION



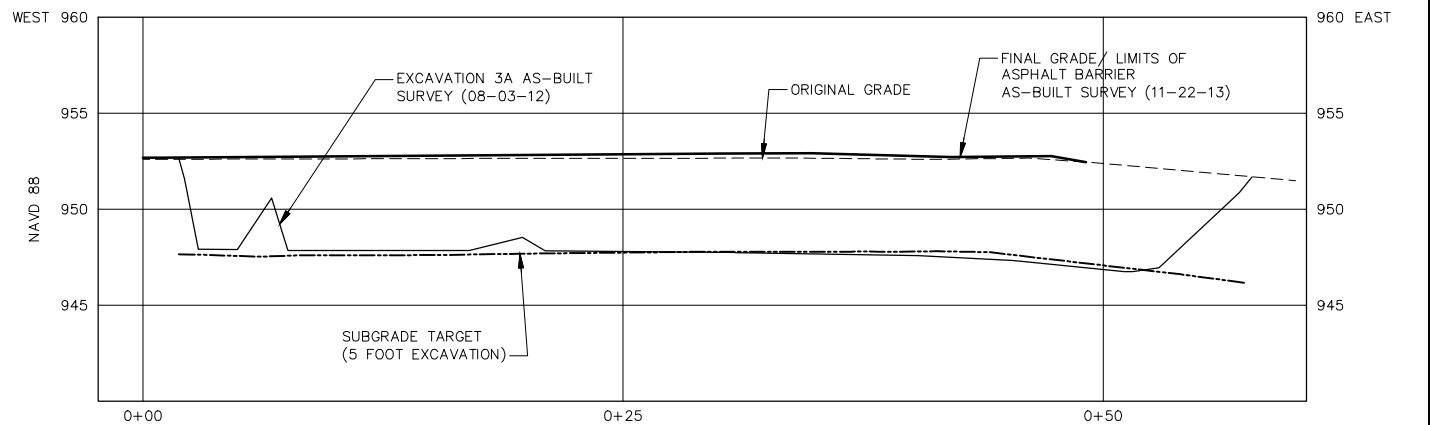
| Sample ID | Date | Depth (ft bgs) | Total PCBs Results (µg/kg) | Laboratory Qualifier |
|------------|-----------|----------------|----------------------------|----------------------|
| 3-SW-1 | 7/30/2012 | 2.5 | 180 | J |
| 3-SW-2 | 7/30/2012 | 2.5 | 15,000 | Q/* |
| 3-SW-2(2) | 8/3/2012 | 2.5 | 4,500 | Q |
| 3-SW-3 | 7/30/2012 | 2.5 | 38,800 | Q |
| 3-SW-3(2) | 8/3/2012 | 2.5 | 56 | J |
| 3-SW-4 | 7/30/2012 | 2.5 | 338,000 | Q/E/P |
| 3-SW-4(2) | 8/3/2012 | 2.5 | 20,000 | Q |
| 3-SW-5 | 7/30/2012 | 2.5 | 32,300 | Q/E |
| 3-SW-5(2) | 8/3/2012 | 2.5 | 1,500 | - |
| 3-SW-6 | 7/30/2012 | 2.5 | 16,600 | Q |
| 3-SW-6(2) | 8/3/2012 | 2.5 | 260 | J |
| 3-SW-7 | 7/30/2012 | 2.5 | 13,950 | Q/J |
| 3-SW-7(2) | 8/3/2012 | 2.5 | 91 | J |
| 3-SW-8 | 7/30/2012 | 2.5 | <330 | - |
| 3-SW-9 | 7/30/2012 | 2.5 | 1,900 | - |
| 3-SW-10 | 7/30/2012 | 2.5 | <330 | - |
| 3-SW-11 | 8/3/2012 | 2.5 | 41,000 | Q |
| 3-SW-12 | 8/3/2012 | 2.5 | 200 | J |
| 3-SW-13 | 8/3/2012 | 2.5 | 320 | J |
| HA1 (2.3') | 8/7/2012 | 2.3 | 5,000 | Q |
| HA2 (2.5') | 8/7/2012 | 2.5 | 9,500 | Q/J |
| HA3 (2.5') | 8/7/2012 | 2.5 | 1,280 | - |
| HA4 (2.5') | 8/7/2012 | 2.5 | 58,500 | Q |
| HA5 (2.5') | 8/15/2012 | 2.5 | 720 | J |
| HA6 (2.5') | 8/15/2012 | 2.5 | 370 | J |

General Notes:

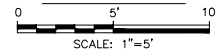
- 1 All concentrations are in micrograms per kilogram (µg/kg).
2 < denotes result is less than indicated detection limit.
3 All field screening results are in parts per million (ppm)

Acronyms:

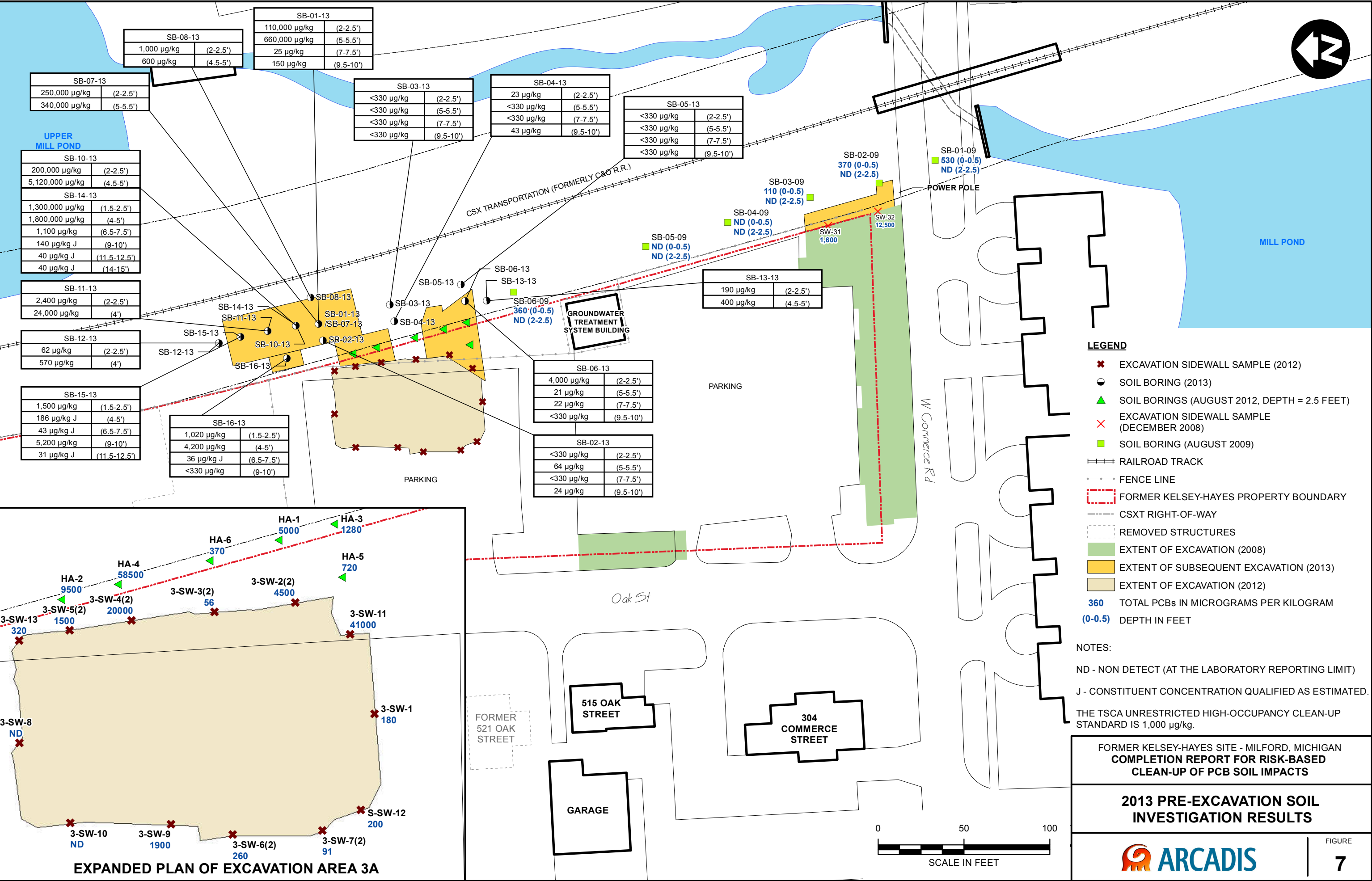
- Not analyzed or field screened
- Sample contained no laboratory qualifier
- J Total PCB detected below lower reporting limit
- E Result concentration exceeded the calibration range, therefore the result is an estimate
- NA Not analyzed
- P The percent difference between the original and confirmation analyses is greater than 25%
- CB Polychlorinated Biphenyls
- Q The reporting limit was elevated due to high analyte levels
- * Surrogate recovery is outside stated control limits
- ogs Feet below ground surface
- Sample was over-excavated



SECTION

[illegible]

CITY: LANSING DIV: ENV DB: D. AKENS PIC: J. BARRETT PM: T. SCLAFANI TM: J. STURZA PROJECT NUMBER: M000941.0024.00009 CS: NAD 1983 StatePlane Michigan South FIPS 2113 Feet G:\GIS\TR\WMI Milford\Documents\PreExcavationSoilBorings.mxd PLOTTED: 12/19/2013 2:48:35 PM BY: aasmith



CITY: SYRACUSE, NY DIV/GROUP: ENV/CAD DB: BDO&CLERCQ, K&SARTORI PIC: J.BARRETT PM: T. SCLAFANI TM: J. BURTON LYNOR: OFF=REF* G: ENV/CAD/SYRACUSE/PROJECT/MID00941002300006/DWG/AS-BUILD/00941008.dwg LAYOUT: 8 SAVED: 12/19/2013 2:57 PM ACADVER: 18.1S (LMS TECH) PAGES: 8 PLOT: 12/18/2013 3:09 PM BY: STEINBERGER, GEORGE

| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCBs Results (µg/kg) | Laboratory Qualifier |
|-------------------|------------|----------------|-------------------------------|----------------------------|----------------------|
| FL-1-13 (8.0) | 10/16/2013 | 8.0 | 1.35 | NA | - |
| FL-1-13 (9.7) | 10/17/2013 | 9.7 | 0.97 | 670 | - |
| FL-2-13 (6.5) | 10/16/2013 | 6.5 | < 0.5 | 1,700 | - |
| FL-2-13 (6.5) RE- | 10/17/2013 | 6.5 | 0.93 | 120 | J |
| FL-3-13 (9.5) | 10/17/2013 | 9.5 | < 0.5 | 23 | J |
| FL-4-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 53 | J |
| FL-5-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | < 330 | - |
| FL-6-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 13 | J |
| FL-7-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | < 330 | - |
| FL-8-13 (9.5) | 10/21/2013 | 9.5 | 0.67 | 430 | - |
| FL-9-13 (9.5) | 10/21/2013 | 9.5 | < 0.5 | 220 | J |
| FL-10-13 (9.0) | 10/22/2013 | 9.0 | 2.91 | 18 | - |
| FL-10-13 (10.0) | 10/22/2013 | 10.0 | 2.09 | -- | - |
| FL-10-13 (11.0) | 10/24/2013 | 11.0 | -- | 1,600 | - |
| FL-10-13 (12.0) | 10/25/2013 | 12.0 | < 0.5 | < 330 | - |
| FL-11-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 17 | J |
| FL-12-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 38 | J |
| FL-13-13 (9.0) | 10/22/2013 | 9.0 | 1.58 | -- | - |
| FL-13-13 (10.0) | 10/25/2013 | 10.0 | -- | 19 | J |
| FL-14-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 24 | J |
| FL-15-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 120 | J |
| FL-16-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | < 330 | - |
| FL-17-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 420 | - |
| FL-18-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | < 330 | - |
| FL-19-13 (9.0) | 10/22/2013 | 9.0 | 4.74 | -- | - |
| FL-19-13 (10.0) | 10/25/2013 | 10.0 | -- | < 330 | - |
| FL-20-13 (9.0) | 10/22/2013 | 9.0 | < 0.5 | 530 | - |
| FL-21-13 (9.0) | 10/22/2013 | 9.0 | 2.13 | -- | - |
| FL-21-13 (10.0) | 10/25/2013 | 10.0 | -- | < 330 | - |
| FL-22-13 (5.0) | 10/22/2013 | 5.0 | 2.40 | -- | - |
| FL-22-13 (6.0) | 10/22/2013 | 6.0 | < 0.5 | < 330 | - |
| FL-23-13 (5.0) | 10/22/2013 | 5.0 | 1.72 | -- | - |
| FL-23-13 (6.0) | 10/22/2013 | 6.0 | 3.33 | -- | - |
| FL-23-13 (7.0) | 10/24/2013 | 7.0 | -- | 15 | J |
| FL-24-13 (5.0) | 10/22/2013 | 5.0 | 7.11 | -- | - |
| FL-24-13 (6.0) | 10/22/2013 | 6.0 | 2.77 | -- | - |
| FL-24-13 (7.0) | 10/24/2013 | 7.0 | -- | 60 | J |
| FL-25-13 (5.0) | 10/22/2013 | 5.0 | < 0.5 | 26 | - |
| FL-26-13 (7.0) | 10/29/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-27-13 (5.0) | 10/29/2013 | 5.0 | < 0.5 | 45 | J |
| FL-28-13 (5.0) | 10/29/2013 | 5.0 | < 0.5 | 21 | J |
| FL-29-13 (10.5) | 10/30/2013 | 10.5 | < 0.5 | < 330 | - |
| FL-30-13 (10.5) | 10/30/2013 | 10.5 | < 0.5 | < 330 | - |
| FL-31-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 15 | J |
| FL-32-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 72 | J |
| FL-33-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | < 330 | - |
| FL-34-13 (5.0) | 10/30/2013 | 5.0 | 0.8859 | 10 | J |
| FL-35-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 57 | J |
| FL-36-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | 32 | J |
| FL-39-13 (5.0) | 10/31/2013 | 5.0 | 1.05 | 230 | J |
| FL-40-13 (5.0) | 10/31/2013 | 5.0 | 9.37 | -- | - |
| FL-41-13 (5.0) | 10/31/2013 | 5.0 | 1.61 | 540 | - |
| FL-42-13 (5.0) | 10/31/2013 | 5.0 | 4.59 | 1,200 | - |
| FL-43-13 (5.0) | 10/31/2013 | 5.0 | 1.03 | -- | - |
| FL-44-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 43 | J |
| FL-45-13 (5.0) | 10/31/2013 | 5.0 | 3.31 | 1,400 | - |
| FL-46-13 (5.0) | 10/31/2013 | 5.0 | 0.66 | 110 | J |
| FL-47-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 111 | J |
| FL-48-13 (5.0) | 10/31/2013 | 5.0 | < 0.5 | 37 | J |
| FL-49-13 (6.0) | 11/1/2013 | 6.0 | 2.67 | -- | - |
| FL-50-13 (6.0) | 11/1/2013 | 6.0 | < 0.5 | < 330 | - |
| FL-51-13 (7.0) | 11/1/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-52-13 (6.0) | 11/1/2013 | 7.0 | 10.64 | -- | - |
| FL-53-13 (7.0) | 11/1/2013 | 7.0 | < 0.5 | < 330 | - |
| FL-54-13 (5.0) | 11/4/2013 | 5.0 | < 0.5 | 18 | J |
| FL-55-13 (5.0) | 11/4/2013 | 5.0 | < 0.5 | 152 | J |
| FL-56-13 (7.0) | 11/4/2013 | 6.0 | < 0.5 | 14 | J |
| SW-1-13 (3.5) | 10/16/2013 | 3.5 | 0.51 | 270 | J |
| SW-2-13 (3.5) | 10/16/2013 | 3.5 | < 0.5 | < 330 | - |
| SW-3-13 (3.5) | 10/16/2013 | 3.5 | 0.95 | 940 | - |
| SW-4-13 (4.5) | 10/22/2013 | 4.5 | 2.98 | -- | - |
| SW-5-13 (4.5) | 10/22/2013 | 4.5 | 0.82 | < 330 | - |
| SW-6-13 (2.5) | 10/22/2013 | 2.5 | < 0.5 | 65 | J |
| SW-7-13 (5.0) | 10/25/2013 | 5.0 | -- | < 330 | - |
| SW-8-13 (3.5) | 10/29/2013 | 3.5 | < 0.5 | < 330 | - |
| SW-9-13 (2.5) | 10/29/2013 | 2.5 | < 0.5 | 65 | J |
| SW-10-13 (5.0) | 10/30/2013 | 5.0 | < 0.5 | < 330 | - |
| SW-11-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 449 | - |
| SW-12-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 24 | J |
| SW-13-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | 334 | J |
| SW-14-13 (2.5) | 10/30/2013 | 2.5 | < 0.5 | < 330 | - |
| SW-15-13 (2.5) | 10/31/2013 | 2.5 | 21.78 | -- | - |
| SW-16-13 (2.5) | 10/31/2013 | 2.5 | 6.75 | -- | - |
| SW-17-13 (2.5) | 10/31/2013 | 2.5 | 0.66 | 18 | J |
| SW-18-13 (2.5) | 10/31/2013 | 2.5 | 2.76 | 590 | - |
| SW-19-13 (2.5) | 10/31/2013 | 2.5 | 1.96 | 570 | - |
| SW-20-13 (3.0) | 11/1/2013 | 3.0 | 9.85 | -- | - |
| SW-21-13 (3.0) | 11/1/2013 | 3.0 | 0.81 | 233 | J |
| SW-22-13 (2.5) | 11/1/2013 | 2.5 | < 0.5 | 218 | J |
| SW-23-13 (2.5) | 11/4/2013 | 2.5 | < 0.5 | < 330 | - |

General Notes:

1 All concentrations are in micrograms per kilogram (µg/kg).

2 < denotes result is less than indicated detection limit.

3 All field screening results are in parts per million (ppm)

Acronyms:

-- Not analyzed or field screened

- Sample contained no laboratory qualifier

J Total PCB detected below lower reporting limit

E Result concentration exceeded the calibration range, therefore the result is an estimate

NA Not analyzed

P The percent difference between the original and confirmation analyses is greater than 25%

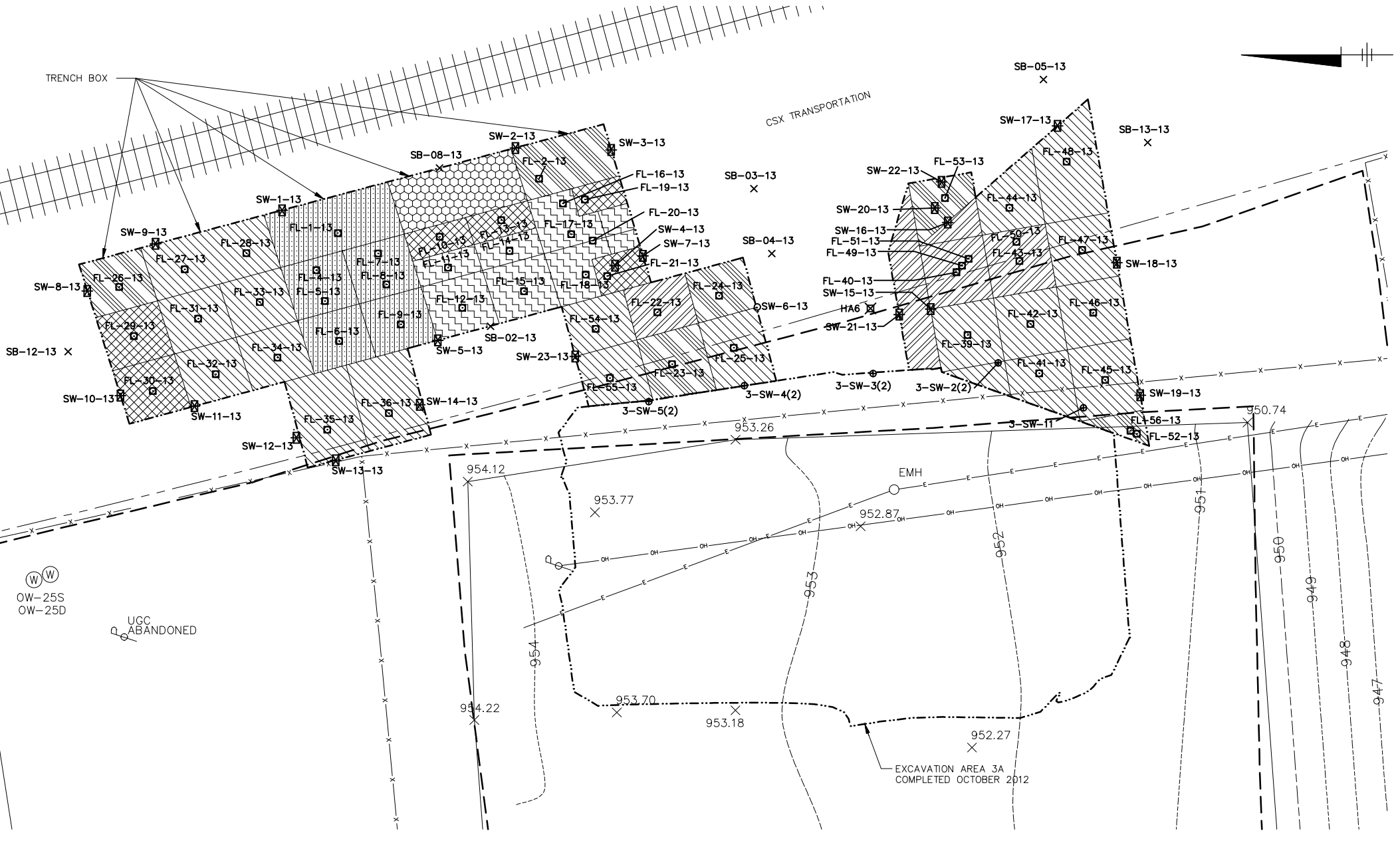
PCB Polychlorinated Biphenyls

Q The reporting limit was elevated due to high analyte levels

* Surrogate recovery is outside stated control limits

ft bgs Feet below ground surface

Sample was over-excavated

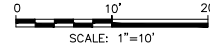


LEGEND:

- PROPERTY LINE
- 943 ----- EXISTING GROUND ELEVATION CONTOUR (1-FOOT INTERVAL)
- 1 — NEW CONTOUR
- × 951.07 EXISTING SPOT ELEVATION
- X — X — EXISTING FENCE
- OH — OVERHEAD ELECTRIC LINE
- E — ELECTRIC LINE
- LIMIT OF VEGETATED BARRIER
- Power Pole
- Excavation Floor Sample (2013)
- Excavation Sidewall Sample (2013)
- Excavation Sidewall Sample (2012)
- Soil Boring (2013)
- Soil Boring (2012)
- Soil Excavation Area Completed November 2013
- Excavation Area (5 FEET)
- Excavation Area (6 FEET)
- Excavation Area (7 FEET)
- Excavation Area (8 FEET)
- Excavation Area (9 FEET)
- Excavation Area (9.5 FEET)
- Excavation Area (10 - 12 FEET)

NOTE: EXCAVATION DEPTH SHADING IS FOR GRAPHICAL PURPOSES ONLY. SEE TABLE AT LEFT FOR FINAL DEPTHS.

EXCAVATION AREA 3B PLAN



| | | | | | | | | | | | | | | | |
|--|---|------------------------------|--|-----------------------------|-------|-------------|--------------|-------------|----------|------------|--|--|-----------------------|---|---|
| THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING. | USE TO VERIFY FIGURE REPRODUCTION SCALE | Professional Engineer's Name | | Professional Engineer's No. | State | Date Signed | Project Mgr. | Designed by | Drawn by | Checked by | FORMER KELSEY-HAYES SITE • MILFORD, MICHIGAN COMPLETION REPORT FOR RISK-BASED CLEANUP OF PCB SOIL IMPACTS | ARCADIS Project No. MI000941.0023.00006 | Date DECEMBER 2013 | ARCADIS 6723 Towpath Road P.O. Box 66 Syracuse, NY 13214-0066 Tel. 315.446.9120 | 8 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME | | | | | | | | | | | | | | | |

CITY: SYRACUSE, NY DIV: GROUP: ENV: CAD DB: B: D: e: CLER: CQ: K: S: ARTORI PIC: J: BARRETT PM: T: S: CLAFANI TM: J: BURTON LYR: ONE: OFF: REF: G: ENV: CAD: SYR: ACU: SE: ACT: M: D: 00941: 10023: 00006: DWG: AS-BUILT: 00941: G: 09: dwg LAYOUT: 9 SAVED: 12/19/2013 3:08 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTCONT.CTB PLOTTED: 12/18/2013 3:09 PM BY: STEINBERGER, GEORGE

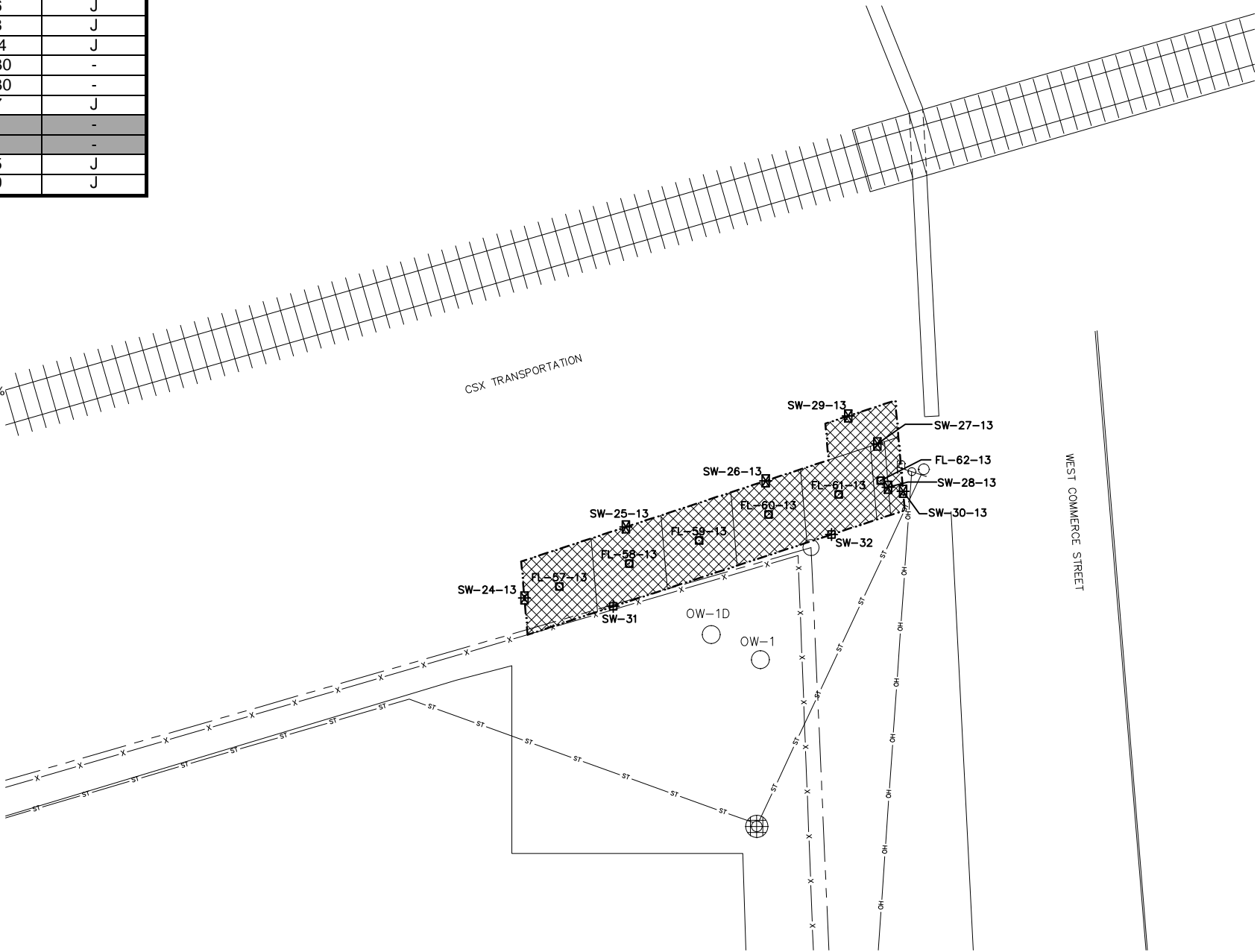
IMAGES:

REFS:

00941: X: 00
00941: X: 01

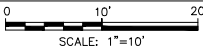
| Sample ID | Date | Depth (ft bgs) | Field Screening Results (ppm) | Total PCBs Results (µg/kg) | Laboratory Qualifier |
|----------------|-----------|----------------|-------------------------------|----------------------------|----------------------|
| FL-57-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-58-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-59-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | < 330 | - |
| FL-60-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | 46 | J |
| FL-61-13 (3.0) | 11/4/2013 | 3.0 | < 0.5 | 58 | J |
| FL-62-13 (3.0) | 11/4/2013 | 3.0 | 0.6033 | 254 | J |
| SW-24-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | <330 | - |
| SW-25-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | <330 | - |
| SW-26-13 (1.5) | 11/4/2013 | 1.5 | < 0.5 | 17 | J |
| SW-27-13 (1.5) | 11/4/2013 | 1.5 | 1.23 | -- | - |
| SW-28-13 (1.5) | 11/4/2013 | 1.5 | 5.68 | -- | - |
| SW-29-13 (1.5) | 11/5/2013 | 1.5 | < 0.5 | 35 | J |
| SW-30-13 (1.5) | 11/5/2013 | 1.5 | < 0.5 | 40 | J |

- General Notes:
- All concentrations are in micrograms per kilogram (µg/kg).
 - < denotes result is less than indicated detection limit.
 - All field screening results are in parts per million (ppm)
- Acronyms:
- Not analyzed or field screened
 - Sample contained no laboratory qualifier
 - J Total PCB detected below lower reporting limit
 - E Result concentration exceeded the calibration range, therefore the result is an estimate
 - NA Not analyzed
 - P The percent difference between the original and confirmation analyses is greater than 25%
 - PCB Polychlorinated Biphenyls
 - Q The reporting limit was elevated due to high analyte levels
 - * Surrogate recovery is outside stated control limits
- ft bgs Feet below ground surface
- Sample was over-excavated



- LEGEND:
- PROPERTY LINE
 - x- EXISTING FENCE
 - OH OVERHEAD ELECTRIC LINE
 - PSP POWER POLE
 - SOIL EXCAVATION AREA COMPLETED NOVEMBER 2013
 - EXCAVATION AREA (3.0 FEET)
 - FL-60-13 EXCAVATION FLOOR SAMPLE (2013)
 - SW-26-13 EXCAVATION SIDEWALL SAMPLE (2013)
 - SW-32 EXCAVATION SIDEWALL SAMPLE (2008)

EXCAVATION AREA 4 PLAN



| | | | | | | | | | |
|--|----|------|-----------|----|-----|-------------------------------|--|--|---|
| <div>THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING.</div> <div>USE TO VERIFY FIGURE REPRODUCTION SCALE</div> | | | | | | Professional Engineer's Name | <div>FORMER KELSEY-HAYES SITE • MILFORD, MICHIGAN</div> <div>COMPLETION REPORT FOR RISK-BASED CLEANUP OF PCB SOIL IMPACTS</div> <div>EXTENT OF EXCAVATION - AREA 4</div> | ARCADIS Project No. MI000941.0023.00006 | 9 |
| | | | | | | Professional Engineer's No. | | Date DECEMBER 2013 | |
| | | | | | | State MI | | Date Signed | |
| | No | Date | Revisions | By | Ckd | Designed by | | Drawn by | Checked by |
| THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME | | | | | | ARCADIS G&M OF MICHIGAN, LLC. | | | ARCADIS 6723 Towpath Road P.O. Box 66 Syracuse, NY 13214-0066 Tel. 315.446.9120 |



Appendix A

USEPA Correspondence

APR 13 2009



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 09 2009

REPLY TO THE ATTENTION OF:

L-8J

Mr. Scott Blackhurst
Senior Counsel - Environment
TRW Automotive
12001 Tech Center Drive
Livonia, Michigan 48150

Re: Approval for Risk-Based Cleanup of PCBs
Former Kelsey-Hayes Site
Milford, Michigan

Dear Mr. Blackhurst:

The U.S. Environmental Protection Agency, Region 5, hereby approves your application for Risk-Based Cleanup, dated January 28, 2009, pursuant to 40 C.F.R. § 761.61(c) for the former Kelsey-Hayes Site in Milford, Michigan. You submitted the notification and application in accordance with Section 6 of the Toxic Substance Control Act, 15 U.S.C. § 2605, and the federal Polychlorinated Biphenyl (PCB) regulations at 40 C.F.R. § 761.61(c). In accordance with these sections, EPA will approve a risk-based disposal application if it finds that the proposed method will not pose an unreasonable risk of injury to human health or the environment. The authority to approve such methods has been delegated to the Director of the Land and Chemicals Division, EPA, Region 5.

Kelsey-Hayes' application describes the cleanup plan to address soils contaminated with PCBs at the former Kelsey-Hayes property and two adjacent properties at 521 Oak Street and a portion of the Prospect Hill Shopping Center. Kelsey-Hayes proposes to remove PCB-impacted soils on its property to less than the risk-based TSCA high occupancy cleanup level of 10 mg/kg to a depth of 5 feet below ground surface, followed by the installation of a demarcation layer and one foot of clean soil. In certain areas, maintenance of existing asphalt parking surfaces is proposed as a cap. The application also seeks approval to leave residual PCB-impacted soil below 5 feet in place following requirements specified in 40 C.F.R. § 761.61(a)(4)(i) for cleanup levels for bulk PCB remediation waste in both high and low occupancy areas.

A human health risk assessment was prepared to support the application and to evaluate potential risks of residual PCBs remaining on the property after the planned cleanup is completed and prior to purchase of the property by the Village of Milford. A Deed Restriction must also be recorded in accordance with state law on the deed as specified in 40 C.F.R. § 761.61(a)(8)(A) and (B), and a soil cap and existing concrete/asphalt cap maintained over soils with concentrations of PCBs greater than 10 mg/kg.

From: Patulski.Daniel@epamail.epa.gov
Sent: Wednesday, April 15, 2009 11:31 AM
To: Ellis, Rob
Cc: Locey, Betty; Rick Bell; Robert Bleazard; Scott Blackhurst
Subject: RE: Comments on PCB application for Former Kelsey-Hayes site
Attachments: SB13-15 Soil Results for EPA 032609.xls; SB13-15 Soil Results for EPA 032609.xls

Rob,

I have reviewed your response to the comments I sent you on the PCB application for the Kelsey-Hayes site and I find them both to be acceptable. The approval letter for the application was sent out on April 10 and hopefully it has arrived. I sent you and MDEQ copies of the letter, so if you have not received it, let me know.

"Ellis, Rob"
<Rob.Ellis@arcadis-us.com>

To
04/01/2009 03:47 PM Daniel Patulski/R5/USEPA/US@EPA
cc

Scott Blackhurst
<Scott.Blackhurst@TRW.COM>,
Robert Bleazard
<Robert.Bleazard@TRW.COM>, Rick
Bell <Rick.Bell@TRW.COM>, "Locey,
Betty"
<Betty.Locey@arcadis-us.com>

Subject
RE: Comments on PCB application
for Former Kelsey-Hayes site

Dan,

Thank you for your review of the Application for Risk-Based Cleanup Approval for PCB Soil Impacts (Application) for the Former Kelsey-Hayes Milford Site. On behalf of Kelsey-Hayes Company, ARCADIS offers the following responses to your comments for the administrative record.

COMMENTS:

1. Pg. 12, 3rd par. PCBs from soil borings SB-13-8 through SB-15-8, along West Commerce Road, are discussed but there is no data presented for those borings. Please explain.

RESPONSE TO COMMENT #1:

The Laboratory Analytical Report (TestAmerica report Lot # A8E150208) containing the data for SB-13-8 through SB-15-8 were included as Appendix T of the Supplemental Soil Delineation Report, which was attached as Appendix B to the Application. The location of these soil borings is illustrated on Figures 4 and 11 in the Application. However, data associated with samples collected from soil borings SB-13-8 through SB-15-8 were omitted from the tables and figures in the Application because the soil along Commerce Road associated with those samples was excavated to a depth of 3 to 6 feet below ground surface and disposed off site. That area was backfilled with clean fill material in October/November 2008, as described in Section B of the Application. Therefore, the data for SB-13-8 through SB-15-8 no longer reflect the soil conditions along Commerce Road. A table summarizing the data for soil samples collected from SB-13-8 through SB-15-8 is attached for your reference.

2. Appendix C: Human Health Risk Assessment

- a. Pg. 31, Sec. 6.3.1.3, 3rd par. The calculated screening level for soil protective of groundwater used as a drinking water source is reported as 10,500 ug/kg. Some of the PCB concentrations to be left in place in soil exceed that screening level. Please explain why that is not a concern.

RESPONSE TO COMMENT #2:

The screening level for soil protective of groundwater used as a drinking water source was calculated based on equations in USEPA guidance, which are conservative in nature. However, the equations use assumptions and input parameters that may not accurately reflect actual soil conditions at the Site or the potential leachability of residual PCBs in soil at the Site. The in-place soil concentrations that will remain at depth after the planned soil removal are not a groundwater concern because of the following:

1. While a limited number of individual samples collected from the mass of soil that will remain in place at depth do exceed the conservative screening level calculated as part of the human health risk assessment, those samples represent only a small fraction of the mass of soil containing residual PCBs to be left in place. The average concentrations of PCBs, represented by the 95th percent upper confidence level (UCL) on the mean concentration, in samples collected from soil that will remain in place after the proposed soil removal is completed is actually less than the calculated screening level in each Parcel. As presented in Sections 6, 7 and 8 and summarized in Section 9 of the Human Health Risk Assessment for PCBs, which is Appendix B of the Application, the exposure point concentrations (EPCs) for the North, Central and South Parcels are 650 micrograms per kilogram (ug/kg), 2,600 ug/kg and 9,200 ug/kg, respectively, for the entire soil column. All are lower than the conservative screening level of 10,500 ug/kg. The highest EPC of the three values, 9,200 ug/kg, was used to represent the Site in the conclusions.
2. In general, PCBs do not readily leach from soil under natural conditions. In Michigan, they are identified as "not likely to leach under most soil conditions" (NLL") and soil protective of groundwater standards are not included in the criteria promulgated in the Michigan's Part 201 Rules. The following indicate Site conditions are consistent with this conclusion:

The pattern of PCBs detected in the soil column indicate they are not leaching from soil and migrating to groundwater. In-place soil concentrations generally do decrease with depth within the soil column to concentrations below the conservative screening level, and in some case to below laboratory detection limits. For example, the soil sample collected from boring SB-06-08 at 14.5 to 15 ft bgs contained PCBs at 100,000 ug/kg, while the soil sample collected from the same soil boring at 19.5 to 20 ft bgs (5 feet below the maximum detection in soil to be left in place) are less than the laboratory reporting limits of <245 ug/kg (see Table 5 and Figures 8 and 11 within the Application). Thus, indicating limited vertical migration and leachability.

Groundwater data indicate PCBs have not impacted groundwater although they have been present in soil for many years. PCBs are believed to have been release to soil more than 30 years ago and if impacts to groundwater were going to occur they would likely be present in groundwater samples collected from monitoring wells at the site by now. PCBs are hydrophobic by nature and have limited solubility in water. They are not likely to be dissolved in precipitation infiltrating through the soil column and/or dissolved in groundwater. As indicated in Table 7 of the Application, PCBs have not been detected in groundwater samples collected from seven monitoring wells located immediately adjacent to and/or downgradient of the PCB soil impacts. Therefore, as demonstrated by the site-specific groundwater data, PCBs are not a concern with respect to groundwater at this site.

3. To further demonstrate that PCBs in soil are not impacting and will not impact groundwater, additional groundwater monitoring will be conducted. As indicated in Section D of the Application, groundwater monitoring outlined in the Remedial Action Plan (RAP) for the former Kelsey-Hayes site includes the collection and analysis of groundwater samples from six monitoring wells for PCB analysis annually for a period of five years following approval of the Application to confirm that residual PCB-impacted soil has not resulted in detectable levels of PCBs in groundwater. Groundwater samples will be collected and analyzed in accordance with the monitoring program outlined in the RAP. In the unlikely event that PCBs are detected above laboratory reporting limits, the monitoring period will be extended, and additional response actions will be evaluated. The existing groundwater pump-and-treat system captures and will continue to capture VOC-impacted groundwater emanating from the Property. If necessary, the treatment system could be modified to remove dissolved-phased PCBs prior to discharge.

If you have any questions regarding these responses to your comments or desire additional information regarding the Application, please feel free to contact Mr. Scott Blackhurst (TRW Automotive) at 734.855.3195 or Mr. Rob Ellis (ARCADIS) at 248.994.2252.

We look forward to receipt of the approval letter from USEPA Region 5.

Thanks
-Rob
Robert J. Ellis, LG
ARCADIS

28550 Cabot Drive
Novi, Michigan 48377
tel: 248.994.2240
fax: 248.994.2241
direct dial: 248.994.2252

-----Original Message-----

From: Patulski.Daniel@epamail.epa.gov [
mailto:Patulski.Daniel@epamail.epa.gov]
Sent: Thursday, March 19, 2009 4:00 PM
To: Ellis, Rob
Subject: Comments on PCB application for Former Kelsey-Hayes site

Rob:

Below are my comments on the PCB application for the Former Kelsey-Hayes site in Milford, Michigan. Since we have already discussed the comments and none of the them reflect any changes to the application, I think we can address the comments in this manner and make them a part of the approval letter to the application. This way, there is no language on conditional approval. You may send your responses via e-mail as well.

COMMENTS:

1. Pg. 12, 3rd par. PCBs from soil borings SB-13-8 through SB-15-8, along West Commerce Road, are discussed but there is no data presented for those borings. Please explain.

2. Appendix C: Human Health Risk Assessment

a. Pg. 31, Sec. 6.3.1.3, 3rd par. The calculated screening level for soil protective of groundwater used as a drinking water source is reported as 10,500 ug/kg. Some of the PCB concentrations to be left in place in soil exceed that screening level. Please explain why that is not a concern.

NOTICE: This e-mail and any files transmitted with it are the property of ARCADIS U.S., Inc. and its affiliates. All rights, including without limitation copyright, are reserved. The proprietary information contained in this e-mail message, and any files transmitted with it, is intended for the use of the recipient(s) named above. If the reader of this e-mail is not the intended recipient, you are hereby notified that you have received this e-mail in error and that any review, distribution or copying of this e-mail or any files transmitted with it is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete the original message and any files transmitted. The unauthorized use of this e-mail or any files transmitted with it is prohibited and disclaimed by ARCADIS U.S., Inc. and its affiliates.(See attached file: SB13-15 Soil Results for EPA 032609.xls)(See attached file: SB13-15 Soil Results for EPA 032609.xls)

From: Ramanauskas.Peter@epamail.epa.gov
Sent: Friday, October 07, 2011 9:43 AM
To: robert.bleazard@trw.com
Cc: Scott.Blackhurst@TRW.COM; Sclafani, Troy; Ellis, Rob; abarnette@villageofmilford.org; arthurs@villageofmilford.org
Subject: Kelsey-Hayes Milford PCB Clean-up Application Addendum - September 21, 2011

Dear Mr. Bleazard:

I am in receipt of your September 21, 2011 letter titled Addendum to the Application for Risk-Based Cleanup to Address Polychlorinated Biphenyl (PCB) Soil Impacts at the former Kelsey-Hayes Site located at 101 Oak Street, Milford, Oakland County, Michigan.

You submitted this letter as a notification of a minor change in project activities in accordance with the April 9, 2009 U.S. EPA Approval for Risk-Based Cleanup of PCBs at the subject site. Specifically, your letter discusses the implementation of a contingency plan for cleanup of a portion of the adjacent Prospect Hill Shopping Center and CSX Transportation properties to less than the Toxic Substances Control Act (TSCA) high occupancy cleanup level of 1,000 micrograms per kilogram (ug/kg).

As this contingency plan was included in your original risk-based submitted on February 2, 2009 and approved on April 9, 2009, U.S. EPA does not object to the implementation of these activities. We appreciate your notification to inform us of the change.

If you have any questions, please feel free to contact me.

Regards,
Peter Ramanauskas
Regional PCB Coordinator
RCRA Corrective Action Section 1 (LU-9J)
Remediation and Reuse Branch
Land and Chemicals Division
U.S. EPA Region 5
(312) 886-7890

EPA has determined that the removal of PCB-contaminated soil following the procedures described in Kelsey-Hayes' January 28, 2009 application and work plan will not present an unreasonable risk of injury to health or the environment.

Kelsey-Hayes is responsible for assuring that any person conducting remedial waste management activities under this approval take necessary measures to protect against direct release of PCBs to the environment from such activities, and that persons participating in the activities must wear protective clothing, or use equipment to protect against dermal or inhalation of PCBs or materials containing PCBs.

This approval is effective as of the date of this letter. Kelsey-Hayes must receive prior written authorization from EPA for any departure from the provisions of the approved work plan. This approval does not relieve Kelsey-Hayes from compliance with any other federal, state or local regulation and does not preclude EPA from initiating any enforcement action, including an action seeking civil penalties for any violation of federal regulations.

If you have any further questions regarding this letter, please contact Daniel Patulski, of my staff at (312) 886-0656.

Sincerely,



Margaret M. Guerriero
Director
Land and Chemicals Division

cc: Mr. Richard Berak
MDEQ

Mr. Robert Ellis
ARCADIS

Appendix B

Institutional Controls

RECEIVED
OAKLAND COUNTY
REGISTER OF DEEDS
2014 FEB -4 PM 1:33

19088
LIBER 46764 PAGE 152
\$28.00 MISC RECORDING
\$4.00 REMONUMENTATION
02/04/2014 01:45:41 P.M. RECEIPT# 11544
PAID RECORDED - OAKLAND COUNTY
LISA BROWN, CLERK/REGISTER OF DEEDS

DEED RESTRICTION - TSCA

This Deed Restriction-TSCA has been last executed this 24 day of January, 2014, by Kelsey-Hayes Company, a Delaware corporation, and the Milford Downtown Development Authority, a Michigan municipal government agency, and is being recorded with the Register of Deeds for Oakland County, Michigan, pursuant to Title 40, Part 761, Section 761.61(a)(8) of the Code of Federal Regulations, 40 C.F.R. §761.61(a)(8), of the administrative regulations promulgated under the Toxic Substances Control Act, 15 U.S.C. §2601 *et seq*, as amended ("TSCA"), relating to the property located at 101 Oak Street in the Village of Milford, Oakland County, and legally described in Exhibit 1, and the adjacent property located at 521 Oak Street, and legally described in Exhibit 1. (The 101 and 521 Oak Street properties shown on Exhibit 2 are collectively called the "Property".) The Property is the subject of a PCB soil clean-up pursuant to an Application for Risk-Based Clean-up Approval for Polychlorinated Biphenyl Soil Impacts approved by U.S. EPA (the "PCB Work Plan"). As used herein, the term "Owner" means at any given time the then current title holder of the Property or any portion thereof.

1. The risk-based PCB soil clean-up has been performed and the Property shown on Exhibit 2, attached hereto, has been covered with a barrier consisting of a visual demarcation layer and soil cover or asphalt cover. The Owner shall maintain this barrier unless the requirements of 40 C.F.R. §761.61(a)(8) (ii) (regarding subsequent additional remediation activities) have been satisfied, the PCBs have been remediated, other controls that would satisfy the requirements of TSCA are implemented, or the U.S. EPA otherwise permits such barrier to be removed.
2. The Owner shall maintain the existing concrete or asphalt cover and barrier installed as part of the PCB Work Plan or another barrier that is at least as protective as the existing barrier, or any barriers subsequently installed as a result of further remedial actions as provided in 40 C.F.R. §761.61(a)(8) (ii). 7P
R
3. The Owner shall amend and record restrictive covenants consistent with changes in future usage and remediation status of the property and consistent with the requirements of TSCA.

OK - AN

IN WITNESS HEREOF, Owners have caused this Deed Restriction-TSCA to be executed on this 24 day of January, 2014.

Milford Downtown Development
Authority

By: Ann M. Barnette

Title: DDA Executive Direct

Dated: 1/24/2014

Kelsey-Hayes Company

By: Robert Walker - K

Dated: January 24, 2014

Title: Vice President, General
Counsel

STATE OF MICHIGAN

COUNTY OF OAKLAND

The foregoing instrument was acknowledged before me this 24th day of January, 2014, by Ann Barnette, the DDA Executive Director, and by Ann Barnette, the DDA Executive Director of Milford Downtown Development Authority, a Michigan municipal government agency, as their free act and deed and the free act and deed of the agency.

Sandra Ann Sproule
_____, Notary Public
OAKLAND County, Michigan
My commission expires: 10/7/2015
Acting in OAKLAND County

SANDRA ANN SPROULE
Notary Public, State of Michigan
County of Oakland
My Commission Expires Oct. 07, 2015
Acting in the County of OAKLAND

STATE OF MICHIGAN

COUNTY OF Wayne

The foregoing instrument was acknowledged before me this 24 day of February ^{ET} ~~January~~ 2014, by Robin Walke-Lee, the Vice President, General Counsel of Kelsey-Hayes Company, a Delaware corporation, as her free act and deed and the free act and deed of the corporation.

Melanie Statfield Johnson
Wayne, Notary Public
County, Michigan
My commission expires: 08/26/2018
Acting in Wayne County

Drafted by and when recorded return to:

Scott D. Blackhurst, Esq.
TRW Automotive
12001 Tech Center Drive
Livonia, Michigan 48150
Telephone: (734) 855-3195

MELANEE STATFIELD JOHNSON
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Aug 26, 2018
ACTING IN COUNTY OF Wayne

(LM) 16-10-227-018


Kelsey-Hayes Prop Desc

| | | | |
|------------------|--------------------|-----------------------|---------------------|
| CVT: | Village of Milford | PIN: | (LM) 16-10-227-018 |
| Status: | Active | Parcel Type: | Land |
| Add Date: | 8/5/1980 | Delete Date: | |
| | | Last Activity: | 4/2/2013 1:57:47 PM |

Tax Description

| | |
|----|-----------------------------|
| 1 | T2N, R7E, SEC 10 |
| 2 | PHHELP'S ADD |
| 3 | LOT 1 TO 4 INCL & |
| 4 | PART OF LOTS 5 TO 8 INCL |
| 5 | BLK 23, ALSO |
| 6 | LOTS 6 TO 9 INCL & |
| 7 | PART OF LOTS 5 & |
| 8 | LOTS 10 TO 14 INCL |
| 9 | BLK 24, ALSO |
| 10 | PART OF LOTS 7 TO 12 INCL |
| 11 | BLK 27, ALSO PART OF |
| 12 | UNNUMBERED BLK LYING |
| 13 | ELY OF BLK 24, ALSO |
| 14 | PART OF THE MILL POND & |
| 15 | VAC OAK, DETROIT & |
| 16 | WATER STREETS |
| 17 | ALL DESC AS |
| 18 | BEG AT INTER OF |
| 19 | N LINE OF COMMERCE ST & |
| 20 | WLY LINE OF C & O RR R/W, |
| 21 | TH S 87-42-12 W 192.73 FT, |
| 22 | TH N 02-28-21 W 297 FT, |
| 23 | TH S 87-42-12 W 200.09 FT, |
| 24 | TH N 02-52-33 W 197.02 FT, |
| 25 | TH S 87-42-12 W 55.65 FT, |
| 26 | TH N 02-46-52 W 557.89 FT, |
| 27 | TH N 89-17-21 E 300.01 FT, |
| 28 | TH S 05-26-22 E 248.35 FT, |
| 29 | TH ALG CURVE TO LEFT, |
| 30 | RAD 2914.93 FT, CHORD BEARS |
| 31 | S 10-39-38 E 530.51 FT, |
| 32 | DIST OF 531.25 FT, |
| 33 | TH S 15-52-54 E 278.52 FT |
| 34 | TO BEG |
| 35 | 8-09-06 CORR |

Address Information

| Primary Mailing Address | Site Address Indicator | Addressee(s) | Address |
|---|------------------------|---------------------|---|
|  | | ★Trw Automotive Inc | 12025 Tech Center Dr Livonia MI 48150-2122 |

OK KT

521 Oak Street Property Description

Parcel Number: 16-10-227-005

Legal Description:

Real property situated in the Village of Milford, County of Oakland, State of Michigan, described as follows:

Part of Block 24, Phelps's Plat, according to the plat thereof recorded in Liber 2 of Plats, Page 22, Oakland County Records. The East ½ of abandoned Oak Street adjoining thereto described as beginning on the West line of existing Oak Street distant North 198 feet from the Northwest corner of Commerce Street and existing Oak Street; thence West 132 feet; thence North 99 feet; thence East 132 feet to existing Oak Street; thence South 99 feet to beginning.

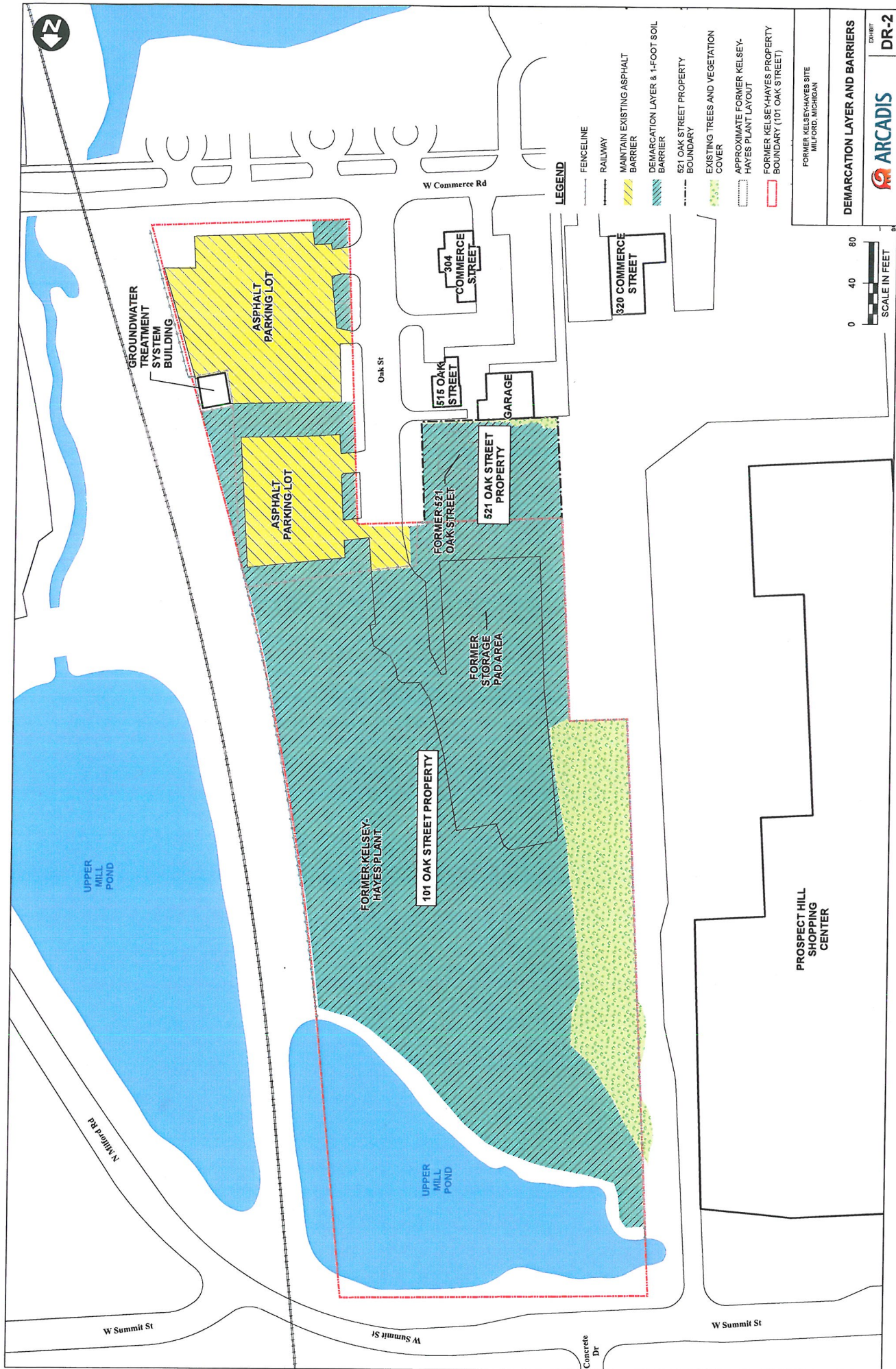
Also described as:

Part of Blocks 24 and 25, Phelps's Addition, as recorded in Liber 2 of Plats, Page 22, Oakland County Records and abandoned Oak Street beginning on the East line of existing Oak Street distant North 198 feet from the Northwest corner of Commerce Street and existing Oak Street; thence West 132 feet; thence North 99 feet; thence East 132 feet to existing Oak Street; thence South 99 feet to beginning.

Commonly known as: 521 Oak Street

EXHIBIT 2

DEMARCATIION LAYER AND BARRIERS



DEMARCATION LAYER AND BARRIERS
 EXHIBIT
ARCADIS
 DR-2
 FORMER KELSEY-HAYES SITE
 MILFORD, MICHIGAN

1:000 SCALE: 1" = 40' 0" 1/2" = 80' 0" 3/4" = 120' 0" 1" = 160' 0" 1 1/4" = 200' 0" 1 1/2" = 240' 0" 1 3/4" = 280' 0" 2" = 320' 0" 2 1/4" = 360' 0" 2 1/2" = 400' 0" 2 3/4" = 440' 0" 3" = 480' 0" 3 1/4" = 520' 0" 3 1/2" = 560' 0" 3 3/4" = 600' 0" 4" = 640' 0" 4 1/4" = 680' 0" 4 1/2" = 720' 0" 4 3/4" = 760' 0" 5" = 800' 0" 5 1/4" = 840' 0" 5 1/2" = 880' 0" 6" = 960' 0" 10' = 1120' 0" 12' = 1280' 0" 14' = 1440' 0" 16' = 1600' 0" 18' = 1800' 0" 20' = 2000' 0" 24' = 2400' 0" 30' = 3000' 0" 36' = 3600' 0" 40' = 4000' 0" 48' = 4800' 0" 60' = 6000' 0" 72' = 7200' 0" 96' = 9600' 0" 120' = 12000' 0" 144' = 14400' 0" 168' = 16800' 0" 192' = 19200' 0" 216' = 21600' 0" 240' = 24000' 0" 288' = 28800' 0" 336' = 33600' 0" 384' = 38400' 0" 432' = 43200' 0" 480' = 48000' 0" 528' = 52800' 0" 576' = 57600' 0" 624' = 62400' 0" 672' = 67200' 0" 720' = 72000' 0" 768' = 76800' 0" 816' = 81600' 0" 864' = 86400' 0" 912' = 91200' 0" 960' = 96000' 0" 1008' = 100800' 0" 1056' = 105600' 0" 1104' = 110400' 0" 1152' = 115200' 0" 1200' = 120000' 0" 1248' = 124800' 0" 1296' = 129600' 0" 1344' = 134400' 0" 1392' = 139200' 0" 1440' = 144000' 0" 1488' = 148800' 0" 1536' = 153600' 0" 1584' = 158400' 0" 1632' = 163200' 0" 1680' = 168000' 0" 1728' = 172800' 0" 1776' = 177600' 0" 1824' = 182400' 0" 1872' = 187200' 0" 1920' = 192000' 0" 1968' = 196800' 0" 2016' = 201600' 0" 2064' = 206400' 0" 2112' = 211200' 0" 2160' = 216000' 0" 2208' = 220800' 0" 2256' = 225600' 0" 2304' = 230400' 0" 2352' = 235200' 0" 2400' = 240000' 0" 2448' = 244800' 0" 2496' = 249600' 0" 2544' = 254400' 0" 2592' = 259200' 0" 2640' = 264000' 0" 2688' = 268800' 0" 2736' = 273600' 0" 2784' = 278400' 0" 2832' = 283200' 0" 2880' = 288000' 0" 2928' = 292800' 0" 2976' = 297600' 0" 3024' = 302400' 0" 3072' = 307200' 0" 3120' = 312000' 0" 3168' = 316800' 0" 3216' = 321600' 0" 3264' = 326400' 0" 3312' = 331200' 0" 3360' = 336000' 0" 3408' = 340800' 0" 3456' = 345600' 0" 3504' = 350400' 0" 3552' = 355200' 0" 3600' = 360000' 0" 3648' = 364800' 0" 3696' = 369600' 0" 3744' = 374400' 0" 3792' = 379200' 0" 3840' = 384000' 0" 3888' = 388800' 0" 3936' = 393600' 0" 3984' = 398400' 0" 4032' = 403200' 0" 4080' = 408000' 0" 4128' = 412800' 0" 4176' = 417600' 0" 4224' = 422400' 0" 4272' = 427200' 0" 4320' = 432000' 0" 4368' = 436800' 0" 4416' = 441600' 0" 4464' = 446400' 0" 4512' = 451200' 0" 4560' = 456000' 0" 4608' = 460800' 0" 4656' = 465600' 0" 4704' = 470400' 0" 4752' = 475200' 0" 4800' = 480000' 0" 4848' = 484800' 0" 4896' = 489600' 0" 4944' = 494400' 0" 4992' = 499200' 0" 5040' = 504000' 0" 5088' = 508800' 0" 5136' = 513600' 0" 5184' = 518400' 0" 5232' = 523200' 0" 5280' = 528000' 0" 5328' = 532800' 0" 5376' = 537600' 0" 5424' = 542400' 0" 5472' = 547200' 0" 5520' = 552000' 0" 5568' = 556800' 0" 5616' = 561600' 0" 5664' = 566400' 0" 5712' = 571200' 0" 5760' = 576000' 0" 5808' = 580800' 0" 5856' = 585600' 0" 5904' = 590400' 0" 5952' = 595200' 0" 6000' = 600000' 0" 6048' = 604800' 0" 6096' = 609600' 0" 6144' = 614400' 0" 6192' = 619200' 0" 6240' = 624000' 0" 6288' = 628800' 0" 6336' = 633600' 0" 6384' = 638400' 0" 6432' = 643200' 0" 6480' = 648000' 0" 6528' = 652800' 0" 6576' = 657600' 0" 6624' = 662400' 0" 6672' = 667200' 0" 6720' = 672000' 0" 6768' = 676800' 0" 6816' = 681600' 0" 6864' = 686400' 0" 6912' = 691200' 0" 6960' = 696000' 0" 7008' = 700800' 0" 7056' = 705600' 0" 7104' = 710400' 0" 7152' = 715200' 0" 7200' = 720000' 0" 7248' = 724800' 0" 7296' = 729600' 0" 7344' = 734400' 0" 7392' = 739200' 0" 7440' = 744000' 0" 7488' = 748800' 0" 7536' = 753600' 0" 7584' = 758400' 0" 7632' = 763200' 0" 7680' = 768000' 0" 7728' = 772800' 0" 7776' = 777600' 0" 7824' = 782400' 0" 7872' = 787200' 0" 7920' = 792000' 0" 7968' = 796800' 0" 8016' = 801600' 0" 8064' = 806400' 0" 8112' = 811200' 0" 8160' = 816000' 0" 8208' = 820800' 0" 8256' = 825600' 0" 8304' = 830400' 0" 8352' = 835200' 0" 8400' = 840000' 0" 8448' = 844800' 0" 8496' = 849600' 0" 8544' = 854400' 0" 8592' = 859200' 0" 8640' = 864000' 0" 8688' = 868800' 0" 8736' = 873600' 0" 8784' = 878400' 0" 8832' = 883200' 0" 8880' = 888000' 0" 8928' = 892800' 0" 8976' = 897600' 0" 9024' = 902400' 0" 9072' = 907200' 0" 9120' = 912000' 0" 9168' = 916800' 0" 9216' = 921600' 0" 9264' = 926400' 0" 9312' = 931200' 0" 9360' = 936000' 0" 9408' = 940800' 0" 9456' = 945600' 0" 9504' = 950400' 0" 9552' = 955200' 0" 9600' = 960000' 0" 9648' = 964800' 0" 9696' = 969600' 0" 9744' = 974400' 0" 9792' = 979200' 0" 9840' = 984000' 0" 9888' = 988800' 0" 9936' = 993600' 0" 9984' = 998400' 0" 10000' = 1000000' 0"

2014 FEB -4 PM 1:33

19087
LIBER 46764 PAGE 139
\$46.00 MISC RECORDING
\$4.00 REMONUMENTATION
02/04/2014 01:45:41 P.M. RECEIPT# 11544
PAID RECORDED - OAKLAND COUNTY
LISA BROWN, CLERK/REGISTER OF DEEDS

DECLARATION OF RESTRICTIVE COVENANT

This Declaration of Restrictive Covenant ("Restrictive Covenant") has been recorded with the Oakland County Register of Deeds for the purpose of protecting public health, safety, and welfare, and the environment by prohibiting or restricting activities that could result in unacceptable exposure to environmental contamination present at the property located at 101 Oak Street in the Village of Milford, County of Oakland, and legally described in Exhibit 1 attached hereto, and the adjacent parcel located at 521 Oak Street, and legally described in Exhibit 1 attached hereto. (The 101 and 521 Oak Street properties shown on Exhibit 2 are collectively called the "Property"). Response activities for soil and groundwater have been or are being implemented on the Property.

The "*Limits of Land or Resource Use Restrictions*" attached hereto as Exhibit 2 provides the legal description(s) and a survey that distinguishes those portions of the Property that are subject to land use or resource use restrictions as specified herein.

Summary of Past and Planned Response Activities

Hazardous substances including chlorinated volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and some metals were detected in soils at the site. Groundwater at the site also is impacted by VOCs. Prior to recording this Restrictive Covenant, response activities have been undertaken to remove or treat in place a substantial amount of the impacted soils. Response actions undertaken to date include soil removal of select areas, in-situ treatment of soils with a soil vapor extraction system which was operated for a number of years, and groundwater remediation in the form of pumping and treatment also has been ongoing for a number of years. Certain areas on the Property shall continue to contain levels of contaminants in soil which exceed the direct contact criteria of the rules promulgated under Part 201 of the Natural Resources and Environmental Protection Act of 1994, as amended, MCL 324.20101, et. seq. ("NREPA"). Future remedial actions include: continuing the operation of the groundwater remediation system, which will remain the sole obligation of Kelsey-Hayes Company. They also include maintenance of existing concrete or asphalt cover and installation of and maintenance of a demarcation layer and soil cover (collectively "barriers"), as shown on Exhibit 2, as provided herein. The preceding past and future activities on the Property are referred to herein as the "Response Activities."

13P
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OK - AN

The Property contains hazardous substances in excess of the concentrations developed as the unrestricted residential criteria under Section 20120a(1)(a) or (17) of NREPA. The adequacy of the Response Activities implemented at the Property has not been subject to a facility-specific review by the MDEQ nor has the MDEQ determined that the response activities comply with Part 201. Prospective purchasers or users of the Property should undertake appropriate due diligence prior to acquiring or using this Property, and undertake appropriate actions to comply with the requirements of Section 20107a of the NREPA.

The Response Activities required the recording of this Restrictive Covenant with the Oakland County Register of Deeds to: 1) restrict unacceptable exposures to hazardous substances located on the Property; 2) assure that the use of Property is consistent with the exposure assumptions used to develop the nonresidential cleanup criteria under Section 20120a(1)(b) of the NREPA and the exposure control measures relied upon at the Property; and (3) to prevent damage or disturbance of any element of the Response Activities constructed on the Property.

The restrictions contained in this Restrictive Covenant are based upon information available at the time the Response Activities were implemented. Failure of the Response Activities to achieve and maintain the criteria, exposure controls, and any requirements specified by the Response Activities; future changes in the environmental condition of the Property or changes in the nonresidential cleanup criteria under Section 20120a(1)(b) of the NREPA; the discovery of environmental conditions at the Property that were not accounted for during implementation of the Response Activities; or use of the Property in a manner inconsistent with the restrictions described herein, may result in this Restrictive Covenant not being protective of public health, safety, and welfare, and the environment.

Definitions

"MDEQ" means the Michigan Department of Environmental Quality, its successor entities, and those persons or entities acting on its behalf.

"Owner" means at any given time the then current title holder of the Property or any portion thereof.

All other terms used in this document which are defined in Part 3, Definitions, of the NREPA; Part 201 of the NREPA; or the Part 201 Administrative Rules ("Part 201 Rules"), 1990 AACS R 299.5101 et seq., shall have the same meaning in this document as in Parts 3 and 201 of the NREPA and the Part 201 Rules, as of the date of filing of this Restrictive Covenant.

NOW THEREFORE,

Declaration of Land Use or Resource Use Restrictions

Kelsey-Hayes Company and Milford Downtown Development Authority (MDDA), as Owners of the Property, hereby declare and covenant that the Property shall be subject to the following restrictions and conditions:

1. The Owner shall prohibit all uses of the Property that are not compatible with or are inconsistent with the assumptions and basis for the "Limited Nonresidential" land use category under Section 20120a(1)(d) of the NREPA unless and until the Property is remediated in accordance with Paragraph 4. In such case, an amended Declaration of Restrictive Covenant shall be executed and recorded. Cleanup criteria for land use-based response activities are located in the Government Documents Section of the State of Michigan Library.

2. The Owner shall prohibit activities on the Property that may result in exposures to hazardous substances at the Property above applicable criteria established under Part 201. These prohibited activities include:

- A. Any activity that could affect the integrity of or interfere with Kelsey-Hayes' operation of the current groundwater remediation system, recovery wells and monitoring wells located on the Property or future groundwater remediation systems or monitoring wells installed in a manner reasonably satisfactory to Owner.
- B. Any construction or operation of wells or other devices to extract groundwater for consumption, irrigation, or any other use, except for wells and devices that are part of a response activity. Short-term dewatering for construction purposes is permitted provided the dewatering, including management and disposal of the groundwater, is conducted in accordance with all applicable local, state, and federal laws and regulations and does not cause or result in a new release, exacerbation of existing contamination, or any other violation of local, state, and federal environmental laws and regulations including, but not limited to, Part 201 of the NREPA.
- C. Use of the Property for residential purposes or for the purposes of recreation activities that could cause damage to or erosion of the soil cover resulting in damage to the demarcation layer below the soil cover.
- D. Development of the Property is prohibited other than development consistent with Part 201's nonresidential categories now or in the future established by the MDEQ.

- E. The construction of any buildings in the area illustrated as "Construction of Buildings Prohibited Within this Area" on Exhibit 2, due to residual VOC impacts that exceed the soil volatilization to indoor air inhalation criteria, unless such construction incorporates engineering controls designed to eliminate the potential for subsurface vapor phase hazardous substances to migrate into the new structure at concentrations greater than applicable criteria; or unless prior to construction of any structure an evaluation of the potential for regulated substances to volatilize into indoor air assures the protection of persons who may be present in the buildings and compliance with Section 20107a of the NREPA.
- F. Any excavation or other intrusive activity that could affect the integrity of the barriers constructed on the Property or any other Response Activities, except in compliance with Paragraphs 4, 5, and 7, below.

3. The Owner shall prohibit activities on the Property which may interfere with any element of the Response Activities, including groundwater remedial activities and the performance of operation and maintenance activities, monitoring, or other measures necessary to ensure the effectiveness and integrity of the Response Activities.

4. Additional Soil Investigation or Remediation: In the event the Owner decides to redevelop the Property for a use other than a use consistent with Part 201's non-residential category, the Owner shall obtain closure under Part 201 for the intended future use. The Owner may achieve such closure by excavating contaminants to reduce concentrations below the applicable criterion, by implementing and maintaining a separation (direct contact) cover (and associated deed restrictions), by implementing and maintaining engineering, administrative or institutional controls, consistent with the applicable Part 201 limited closure criteria, and/or in such other manner as may be acceptable to MDEQ. The Owner shall provide copies of the Work Plan(s) for such work to Kelsey-Hayes, to the extent that it or an identifiable successor or assign exists, in advance of the work.

5. Barriers constructed as part of the Response Activities shall be maintained on the Property as necessary to prevent direct contact with contaminated soils. Any barrier that is disturbed, altered, damaged, or removed shall be repaired or replaced with an appropriate barrier that limits exposure and provides at least an equivalent degree of protection as the original barrier, or the Owner shall take other action that may be necessary to comply with the requirements of Section 20107(a)(1)(a)-(c) of Part 201 of the NREPA. Prior to disturbing a barrier, a health and safety plan for the work shall be prepared by a qualified health and safety professional. Workers shall be properly trained in the requirements of the health and safety plan. All work shall be performed in accordance with such health and safety plan and all applicable federal Occupational Safety and Health Act and Michigan Occupational Safety and Health Act regulations, and any applicable provisions of the NREPA.

6. The Owner of the Property shall amend and record restrictive covenants consistent with the usage and remediation status of the Property and the requirements of Part 201 as applicable to each respective parcel.

7. Contaminated Soil Management. The Owner shall manage all soils, media and/or debris located on the Property in accordance with the applicable requirements of Section 20120c of the NREPA; Part 111, Hazardous Waste Management, of the NREPA; Subtitle C of the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq.; the administrative rules promulgated thereunder; and all other relevant state and federal laws. Such management shall include, but not be limited to, appropriate testing and disposal, consistent with the requirements listed above, for any soils or debris that are sent off-site. Soil, media, and/or debris generated by Kelsey-Hayes Company as part of the Response Activities shall be managed by Kelsey-Hayes Company in accordance with the applicable requirements of Section 20120c of the NREPA; Part 111, Hazardous Waste Management, of the NREPA; Subtitle C of the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq.; the administrative rules promulgated thereunder; and all other relevant state and federal laws.

8. Access. The Owner shall grant to Kelsey-Hayes Company and its successors and assigns, and their designated representatives, the right to enter the Property at reasonable times for the purpose of determining and monitoring compliance with this Restrictive Covenant, including the right to take samples, inspect and conduct the operation of the Response Activities and, inspect any records relating thereto, and to perform any actions necessary to maintain compliance with Part 201; provided, however, that Kelsey-Hayes Company (and any of its successors and assigns) shall be obligated to provide prior notice before entering the Property and to restore any and all damage caused to the Property as a result of such entry.

9. Notice. The Owner shall provide notice to Kelsey-Hayes of the Owner's intent to transfer any interest in the Property at least fourteen (14) days prior to consummating the conveyance. A copy of this Restrictive Covenant shall be provided to all future owners, heirs, successors, lessees, easement holders, assigns, and transferees by the person transferring the interest.

10. Term and Enforcement of Restrictive Covenant. This Restrictive Covenant shall run with the Property and shall be binding on the Owner; future owners; and all current and future successors, lessees, easement holders and their assigns. This Restrictive Covenant may only be modified or rescinded with the written approval of Kelsey-Hayes and the MDDA, to the extent that they or an identifiable successor or assign exists.

Kelsey-Hayes Company and the MDDA, and their respective successors and assigns, may separately enforce the restrictions set forth in this Restrictive Covenant by legal action in a court of competent jurisdiction.

11. Severability. If any provision of this Restrictive Covenant is held to be invalid by any court of competent jurisdiction, the invalidity of such provision shall not affect the validity of any other provisions hereof, and all such other provisions shall continue unimpaired and in full force and effect.

12. Authority to Execute Restrictive Covenant. The undersigned person executing this Restrictive Covenant is the Owner, or has the express written permission of the Owner and all other holders of a legal interest whose interest is materially affected by this Restrictive Covenant (as documented and attached hereto as Exhibit 2), and represents and certifies that he or she is duly authorized and has been empowered to execute and deliver this Restrictive Covenant.

[SIGNATURE PAGE FOLLOWS]

Milford Downtown Development Authority and Kelsey-Hayes Company have caused this Restrictive Covenant to be executed on this 24 day of January, 2014.

Milford Downtown Development Authority

By: Ann M. Barnette

Dated: 1/24/2014

Title: DDA Executive Director

Kelsey-Hayes Company

By: Robin Warner-Lee

Dated: January 24, 2014

Title: Vice President, General Counsel

STATE OF MICHIGAN

COUNTY OF OAKLAND

The foregoing instrument was acknowledged before me this 24th day of January, 2014, by ANN M. BARNETTE, the EXECUTIVE DIRECTOR of Milford Downtown Development Authority, a Michigan municipal government agency, as their free act and deed and the free act and deed of the agency.

Sandra Ann Sproule
_____, Notary Public

OAKLAND County, Michigan

My commission expires: 10/7/2015

Acting in OAKLAND County

SANDRA ANN SPROULE
Notary Public, State of Michigan
County of Oakland
My Commission Expires Oct. 07, 2015
Acting in the County of OAKLAND

STATE OF MICHIGAN

COUNTY OF Wayne

The foregoing instrument was acknowledged before me this 24 day of February, ~~January~~ 2014, by Robin Walker-Lee, the Vice President, General Counsel of Kelsey-Hayes Company, a Delaware corporation, as his/her free act and deed and the free act and deed of the corporation.

Melane Statfield Johnson
Wayne, Notary Public
County, Michigan
My commission expires: 08/26/2018
Acting in Wayne County

Drafted by and when recorded return to:

Scott D. Blackhurst, Esq.
TRW Automotive
12001 Tech Center Drive
Livonia, Michigan 48150
Telephone: (734) 855-3195

MELANEE STATFIELD JOHNSON
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Aug 26, 2018
ACTING IN COUNTY OF Wayne

Exhibit 1



(LM) 16-10-227-018

Kelsey-Hayes Prop Desc

| | | | |
|------------------|--------------------|-----------------------|---------------------|
| CVT: | Village of Milford | PIN: | (LM) 16-10-227-018 |
| Status: | Active | Parcel Type: | Land |
| Add Date: | 8/5/1980 | Delete Date: | |
| | | Last Activity: | 4/2/2013 1:57:47 PM |

| Tax Description | |
|-----------------|-----------------------------|
| 1 | T2N, R7E, SEC 10 |
| 2 | PHHELP'S ADD |
| 3 | LOT 1 TO 4 INCL & |
| 4 | PART OF LOTS 5 TO 8 INCL |
| 5 | BLK 23, ALSO |
| 6 | LOTS 6 TO 9 INCL & |
| 7 | PART OF LOTS 5 & |
| 8 | LOTS 10 TO 14 INCL |
| 9 | BLK 24, ALSO |
| 10 | PART OF LOTS 7 TO 12 INCL |
| 11 | BLK 27, ALSO PART OF |
| 12 | UNNUMBERED BLK LYING |
| 13 | ELY OF BLK 24, ALSO |
| 14 | PART OF THE MILL POND & |
| 15 | VAC OAK, DETROIT & |
| 16 | WATER STREETS |
| 17 | ALL DESC AS |
| 18 | BEG AT INTER OF |
| 19 | N LINE OF COMMERCE ST & |
| 20 | WLY LINE OF C & O RR R/W, |
| 21 | TH S 87-42-12 W 192.73 FT, |
| 22 | TH N 02-28-21 W 297 FT, |
| 23 | TH S 87-42-12 W 200.09 FT, |
| 24 | TH N 02-52-33 W 197.02 FT, |
| 25 | TH S 87-42-12 W 55.65 FT, |
| 26 | TH N 02-46-52 W 557.89 FT, |
| 27 | TH N 89-17-21 E 300.01 FT, |
| 28 | TH S 05-26-22 E 248.35 FT, |
| 29 | TH ALG CURVE TO LEFT, |
| 30 | RAD 2914.93 FT, CHORD BEARS |
| 31 | S 10-39-38 E 530.51 FT, |
| 32 | DIST OF 531.25 FT, |
| 33 | TH S 15-52-54 E 278.52 FT |
| 34 | TO BEG |
| 35 | 8-09-06 CORR |

| Address Information | | | |
|-------------------------|------------------------|----------------------|---|
| Primary Mailing Address | Site Address Indicator | Addressee(s) | Address |
| | | ★ Trw Automotive Inc | 12025 Tech Center Dr Livonia MI 48150-2122 |

CK KT

521 Oak Street Property Description

Legal Description:

Real property situated in the Village of Milford, County of Oakland, State of Michigan, described as follows:

Part of Block 24, Phelps's Plat, according to the plat thereof recorded in Liber 2 of Plats, Page 22, Oakland County Records. The East $\frac{1}{2}$ of abandoned Oak Street adjoining thereto described as beginning on the West line of existing Oak Street distant North 198 feet from the Northwest corner of Commerce Street and existing Oak Street; thence West 132 feet; thence North 99 feet; thence East 132 feet to existing Oak Street; thence South 99 feet to beginning.

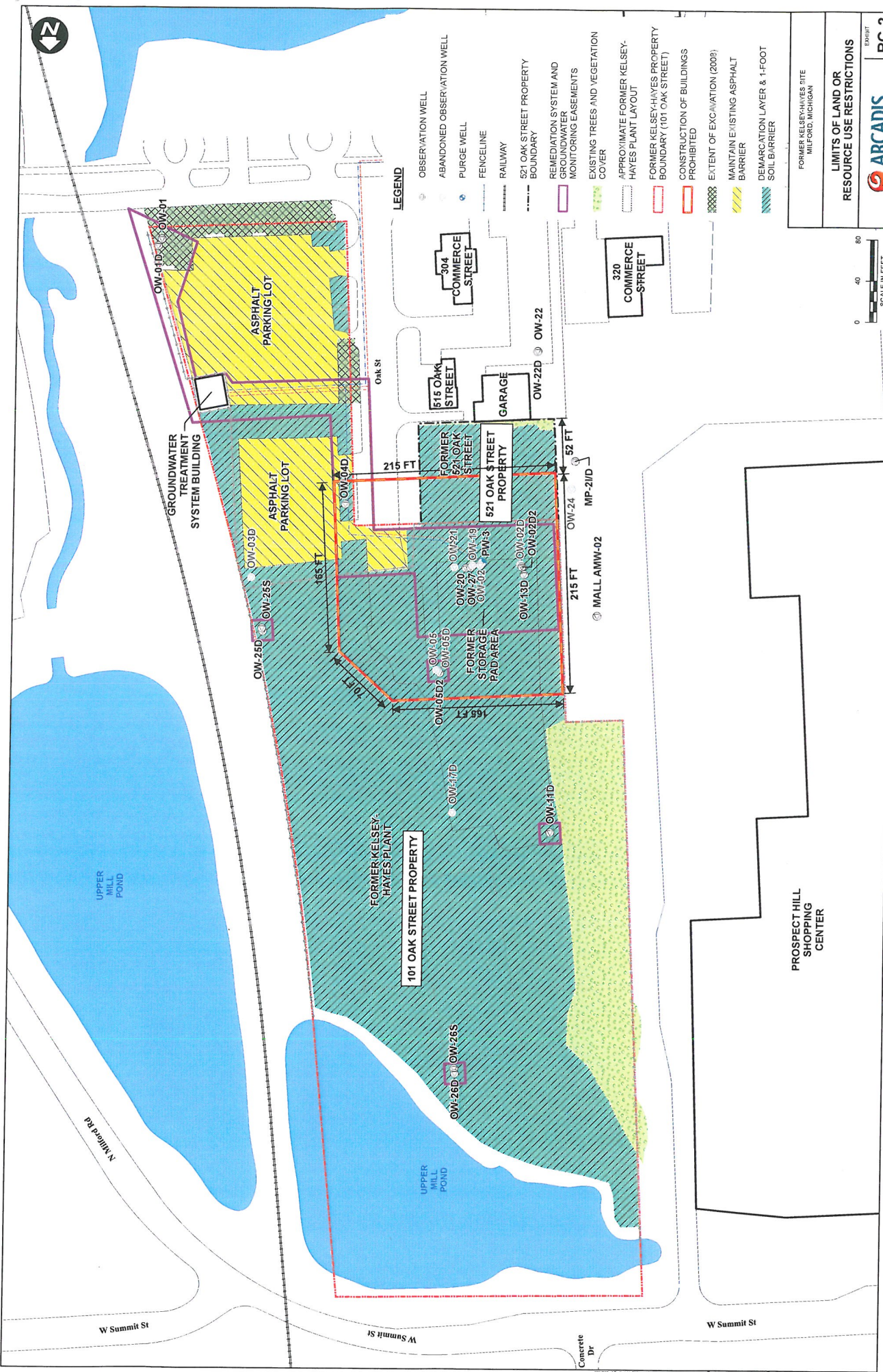
Also described as:

Part of Blocks 24 and 25, Phelps's Addition, as recorded in Liber 2 of Plats, Page 22, Oakland County Records and abandoned Oak Street beginning on the East line of existing Oak Street distant North 198 feet from the Northwest corner of Commerce Street and existing Oak Street; thence West 132 feet; thence North 99 feet; thence East 132 feet to existing Oak Street; thence South 99 feet to beginning.

Commonly known as: 521 Oak Street
Tax Parcel: 16-10-227-005

EXHIBIT 2

LIMITS OF LAND OR RESOURCE USE RESTRICTIONS



FORMER KELSEY-HAYES SITE
MILFORD, MICHIGAN

**LIMITS OF LAND OR
RESOURCE USE RESTRICTIONS**

ARCADIS

RC-2

PROSPECT HILL
SHOPPING
CENTER

Upper Mill Pond

101 OAK STREET PROPERTY

OW-25D

OW-26S

OW-27S

OW-01D

OW-03D

OW-04D

OW-05D

OW-06D

OW-07D

OW-08D

OW-09D

OW-10D

OW-11D

OW-12D

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CONSENT OF EASEMENT HOLDERS

[note – for easement that runs through property]

As evidenced below by our signature, to the extent of our easement interest, we agree and consent to the recording of the land use and resource use restrictions specified in this Restrictive Covenant.

VILLAGE OF MILFORD, a Michigan
municipal corporation

By: Theresa Rusas George
Signature

Name: Theresa Rusas George
Print or Type Name

Its: Village Council President
Title

STATE OF MICHIGAN)

COUNTY OF Oakland) ss.

The foregoing instrument was acknowledged before me this 3rd day of February, 2014, by
Theresa Rusas George, Village Council President of the Village of Milford, a Michigan municipal corporation, on behalf of the Village.

Deborah S. Frazer
Notary Public
Oakland County, Michigan
My Commission Expires: March 23, 2016
Acting in Oakland County

DEBORAH S. FRAZER
Notary Public, State of Michigan
County of Oakland
My Commission Expires Mar. 23, 2016
Acting in the County of Oakland



Appendix C

Soil Erosion and Sedimentation
Control Permit

John P. McCulloch
Oakland County Water Resources Commissioner
Soil Erosion Unit
One Public Works Drive
Waterford, Michigan 48328-1907
Phone: (248) 858-5389
FAX: (248) 858-2054
eMail: soilerosion@oakgov.com

TO: KELSEY-HAYES COMPANY
11202 E GERMANN RD
MESA, AZ 85212

Invoice No 2012-0654-7 /11/2012

Date: July 11, 2012

Explanation: Commercial Collected \$630.00
File Number: MIV/2012-0654/33/OT
Project Name: FORMER KELSEY-HAYES PLANT, MILFOR
Lot No:

Check Number: 044955



Make Check Payable to: Oakland County Water Resources Commissioner

By:


Oakland County Water Resources Commissioner

Total Amount Paid: \$630.00

Outstanding Balance: \$0.00

SOIL EROSION & SEDIMENT CONTROL PERMIT

JULY 11, 2012

Date Issued

MIV/2012-0654/33/OT

Permit Number

Under the provisions of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended, approval of the soil erosion and sediment control plan filed with this office for the following earth disruption is granted.

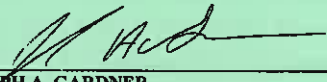
| | | |
|-----------------------------|---|---------------------------------|
| Project Description: | FORMER KELSEY-HAYES PLANT, MILFORD MICHIGAN | |
| Project Location: | SECTION 33, VILLAGE OF MILFORD | |
| | 101 OAK STREET, COMMERCE ROAD & OAK STREET | |
| Land Owner: | KELSEY-HAYES COMPANY (d.b.a. TRW AUTOMOTIVE) | |
| Street Address: | 11202 E. GERMANN ROAD | Phone: (480) 722-4866 |
| City And State: | MESA, ARIZONA | Zip: 85212 |
| Review Fee: | \$205.00 | Inspection Fee: \$630.00 |

CONDITIONS AND CLARIFICATIONS

1. This permit does not include or constitute a drainage review.
2. This permit does not waive the necessity for any other federal, state or local permits as may be applicable to the project.
3. This permit is subject to any changes deemed necessary by this office to ensure that no sedimentation occurs to off-site areas or waters of the state.
4. This Soil Erosion and Sediment Control Permit is for mass grading, utilities, and interstructure only. Construction of buildings and/or any other further development of this site will require an additional permit(s).
5. This permit is issued for a plan prepared by **ARCADIS**, their Job No. **MI0000941.0021.00009**, sheet(s) **1-3**, last revised **5-31-2012** and dated **MAY 31, 2012**.
6. IF THIS WORK SITE IS BETWEEN ONE (1) AND FIVE (5) ACRES AND HAS A POINT SOURCE DISCHARGE OF THE STORM WATER TO WATERS OF THE STATE (DIRECTLY OR THROUGH A SEPARATE STORM DRAIN SYSTEM), THE SITE HAS AUTOMATIC COVERAGE UNDER THE PERMIT-BY-RULE FOR STORM WATER DISCHARGE.
7. Maintain the soil erosion and sediment control measures described in this permit and establish permanent soil erosion measures in all disturbed areas. If "start-up" for the next phase of construction following mass grading is delayed due to seasonal limitations, etc., then a combination of seeding, mulching, diversion ditching and/or additional perimeter sedimentation control measures may be required to achieve effective soil erosion and sediment control. Install and maintain such measures as necessary thought out the project.
8. That all required temporary erosion and sediment control measures will be installed and maintained according to the sequence-of-construction specified on the drawings, and the following requirements:
 - A. Provide perimeter sedimentation controls, as specified in the sequence-of-construction, at locations as illustrated on the drawings.
 - B. Maintain a 25-foot wide vegetative buffer zone around the perimeter of the site.
 - C. Install geotextile filter fabric fence in accordance with the Soil Erosion and Sedimentation Control Standard Details. Straw bales can only be used behind silt fence as support for winter/frozen ground conditions.

CONTINUED ON BACK


JOHN P. McCULLOCH, WATER RESOURCES COMMISSIONER
Soil Erosion & Sediment Control Agent
Oakland County, Michigan


JOSEPH A. GARDNER
Designated Enforcement Agency
Part 91 of Public Act 451 of 1994

- D. Install inlet filters on existing inlets in the affected area and maintain them throughout the project. Alternative inlet filters must be used in areas that may become a safety hazard due to flooding or freezing.
 - E. Install temporary erosion controls as required to confine sedimentation in the immediate area of construction for off-site water main, storm drain, or sanitary sewer. Begin off-site construction and continue to completion, maintaining soil erosion and sedimentation controls as necessary.
 - F. If finish grading, redistribution of topsoil, and establishment of vegetation and/or landscaping cannot be completed immediately, do the following to minimize soil erosion and sedimentation:
 - i. Try to maintain a 25-foot minimum vegetated buffer zone or greater in accordance with detail SP-1 of the Soil Erosion and Sedimentation Control Standard Details adjacent to curb or edge of pavement, wetlands, streams, lakes, or any other bodies of water and any off-site areas that receives surface runoff from this site.
 - ii. If the required vegetative buffer cannot be achieved, a stone filter with geotextile filter fabric fence shall be installed on areas that drain to the pavement and/or geotextile filter fabric fence to prevent soil erosion and sedimentation on neighboring property.
 - iii. Protect disrupted areas that drain directly into **MILL POND**.
 - G. If the proposed soil erosion controls are not properly maintained, or are insufficient, then additional soil erosion controls shall be required.
 - H. Temporary stabilization will be provided during the non-growing season for areas to be seeded or sodded. Areas temporarily stabilized during the non-growing season will be permanently stabilized immediately following the commencement of the next planting season. Straw or hay mulch will be removed or deeply incorporated into the soil before providing permanent stabilization. Dormant seeding is also recommended for early spring growth.
 - I. Clean pavements, walks, swales, ditches, culverts, watercourses, storm drains, retention and/or detention basins, lakes, streams and wetlands of accumulated sediment as needed through out the project. All pavement, walks, swales, ditches, culverts, watercourses, storm drains, retention and/or detention basins, lakes, streams, and wetlands will need to be cleaned in conjunction with the removal of temporary soil erosion control measures. Re-establish vegetation as necessary.
 - J. Complete permanent soil erosion control measures for the earth change within five calendar days after final grading or upon completion of the final earth change. If it is not possible to permanently stabilize the earth change, then maintain temporary soil erosion and sedimentation control measures until permanent soil erosion control measures are in place and the earth is stabilized. Permanent soil erosion vegetation is defined as having one (1) inch minimum of height and 90% of ground cover.
9. Soil erosion and sedimentation control measures shall be installed in accordance with the Oakland County Drain Commissioner's standard details.
 10. Control devices shall be periodically maintained and cleaned of accumulated sediment. Streets in the affected area shall be cleaned daily of sediment and debris.
 11. Erosion and sediment control devices shall remain operational until disrupted areas are permanently stabilized, at which time they shall be removed.
 12. Submit revised plans to this office if there are changes to the grading plan, storm drainage system, soil erosion control plan, lot numbers, etc.
 13. When permanent soil erosion control measures are completed, permanent vegetation established, and temporary soil erosion and sediment control measures removed, the permit holder will request a final inspection. After final inspection, the permit is closed and no further earth disruption can occur without a new permit.

Enforcement Acknowledgement

1. Failure to comply with the applicable requirements of Part 91, Soil Erosion and Sedimentation Control, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994, as amended (Part 91), is a civil infraction and will result in one or more of the following actions taken by this office: (1) a fine up to \$2,500; (2) installation of soil erosion and sedimentation controls by county enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the

CONTINUED ON NEXT PAGE

- landowner which may become a lien on the property if not paid; (3) a temporary restraining order will be filed in court to restrain any and all further construction at the property site, and to recover damages to the natural resources of the state; and (4) any other legal action necessary to ensure compliance with Michigan law.
2. A person who knowingly violates Part 91 or knowingly makes a false statement in an application for a permit or in a soil erosion and sedimentation control plan may be ordered to pay a fine of up to \$10,000 for each day of violation.
 3. If corrective action is not taken within five (5) days of the date of a Notice of Determination of Violation letter, the permit holder will be responsible for a payment of a civil fine of not less than \$2,500 or more than \$25,000 for each day of violation. MCL 324.9121(1); 9121(2); and 9121(3).
 4. By applying for and accepting this permit, the landowner hereby consents to the following: (1) the authority of the Michigan Department of Environmental Quality, or the county enforcing agency to enter upon the property at all reasonable times for the purpose of inspecting and investigating conditions or practices that may be in violation of Part 91; (2) installation of soil erosion and sedimentation controls by the county enforcing agency with all costs related to the administration, legal costs, permit or renewal fees and implementation of controls to be assessed against the landowner which may become a lien on the property.
 5. No earth disruption can occur on this site before the issuance of the soil erosion permit.
 6. A violation reinspection fee of \$110 will be assessed if the violations are not corrected within the five (5) day period.

This permit will be renewed every three months from the expiration date at the current class inspection rate until the project has permanent soil erosion controls in place and temporary soil erosion controls removed.

An invoice for the renewal fee will be sent to the permit holder.

This Permit can only be renewed for a maximum of ONE (1) year of inactivity from the date of application.

I hereby acknowledge that I have read, understand, and accept the terms and conditions of this permit.

Property Owners Signature: _____

(or Designated Agent signature*)

- * Designated agent must have a written and notarized statement from the property owner providing authorization to secure a permit on behalf of the property owner.



Appendix D

Well Abandonment Logs



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: OW-2

Date Installed: 12-11-91 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 31.25 ft Screen Depth from TOC: NA ft Water Table Depth from TOC: DRY ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from NA ft to NA ft Grout Type bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using Tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

[Signature] 7-13-12
Signature of Consultant/Engineer Date



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: OW-2D

Date Installed: 4-13-93 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 40.48 ft Screen Depth from TOC: NA ft Water Table Depth from TOC: 39.45 ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from ft to ft Grout Type bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

ATBT
Signature of Consultant/Engineer

7-13-12
Date



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: DW-5D

Date Installed: 4-12-93 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 41.95 ft Screen Depth from TOC: NA ft Water Table Depth from TOC: 39.75 ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from ft to ft Grout Type bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☐ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using Tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

Signature of Consultant/Engineer

7-13-12

Date



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: OW-19

Date Installed: 11-28-00 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 31.6 ft Screen Depth from TOC: NA ft Water Table Depth from TOC: 28.35 ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from 2 ft to 22 ft Grout Type Bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)


Grouted well using Tremie method.

Crew:

Matt Calherone

Location Sketch:

Comments:


Signature of Consultant/Engineer

7-13-12

Date



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: OW-21

Date Installed: 11-27-00 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 31 ft Screen Depth from TOC: ft Water Table Depth from TOC: 27.8 ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from 2 ft to 24 ft Grout Type Bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using Tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

Signature of Consultant/Engineer

Date

7-13-12



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: SVE 14

Date Installed: 7-13-94 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 50 ft Screen Depth from TOC: ft Water Table Depth from TOC: ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from ft to ft Grout Type Bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☐ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

[Signature]

Signature of Consultant/Engineer

7-13-12
Date

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: SV2-15

Date Installed: 7-13-94 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 35 ft Screen Depth from TOC: ft Water Table Depth from TOC: ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from ft to ft Grout Type Bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☐ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)


Grouted well using tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:


Signature of Consultant/Engineer

7-13-12

Date



Infrastructure - Water - Environment - Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Well ID#: SUE-17

Date Installed: 7-12-94 Date Abandoned: 07/13/12 Drilling Firm: Fibertec

Well Depth: 14 ft Screen Depth from TOC: ft Water Table Depth from TOC: ft

Casing Type: Galvanized ☐ PVC ☒ Stainless Steel ☐ ID: 2" ☒ 4" ☐

Screen Type: PVC ☒ Stainless Steel ☐ Length: 5 ft

2" Annulus Grouted: Yes ☒ No ☐ from ft to ft Grout Type Bentonite

4" Annulus Grouted: Yes ☐ No ☐ from ft to ft Grout Type:

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 ft Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using Tremie method

Crew:

Matt Calderone

Location Sketch:

Comments:

[Signature]

Signature of Consultant/Engineer

7-13-12

Date



Infrastructure Water Environment Buildings

MONITOR WELL ABANDONMENT RECORD

Site Name: TRW Milford County: Oakland

Section: NA Town: NA Range: NA Well ID#: OW-03D

Date Installed: NA Date Abandoned: 11/26/13 Drilling Firm: Fibertec

Well Depth: ~95' ft Screen Depth from TOC: NA ft Water Table Depth from TOC: ~37 ft

Casing Type: Galvanized ☐ PVC ☐ Stainless Steel ☒ ID: 2" ☐ 4" ☐ 6" SS to 6' bgs
~10-12" SS to bottom

Screen Type: PVC ☐ Stainless Steel ☒ Length: NA ft

2" Annulus Grouted: Yes ☐ No ☒ from ft to ft Grout Type ~10-12" casing grouted 95' to 58' bgs.

4" Annulus Grouted: Yes ☐ No ☒ from ft to ft Grout Type: Neat cement

Casing: Pulled ☐ Cut ☒ Depth BGS: 1 Well Grouted? Yes ☒ No ☐

Grout Type: Bentonite ☒ Cement ☒ Grouting Method: Through Casing ☐ Tremie ☒ Other ☐
(explain)

Grouted well using tremie pipe from bottom to 58' bgs.
Poured chips and sand by hand.

Crew:

Brent Wiseman

Location Sketch:

See Site Map

Comments:

Neat cement (Portland cement + Quik-Gel powder bentonite + water) used for
grout at bottom to 58' bgs. Emulsion medium bentonite chips at 22' bgs
Well gravel #1 to 6" bgs, concrete cap at 0-6" bgs, matched surface with top

[Signature]

Signature of Consultant/Engineer

11/26/13

Date

soil and grass seed. Cut
metal casing to 1' bgs.

55 bags of chips
100 gals of grout
29 bags of sand



Appendix E

Confirmation Field Screen
Specifications and Quality Control
Documents

METHOD 4020

SCREENING FOR POLYCHLORINATED BIPHENYLS BY IMMUNOASSAY

1.0 SCOPE AND APPLICATION

1.1 Method 4020 is a procedure for screening soils and non-aqueous waste liquids to determine when total polychlorinated biphenyls (PCBs) are present at concentrations above 5, 10 or 50 mg/kg. Method 4020 provides an estimate for the concentration of PCBs by comparison with a standard.

1.2 Using the test kit from which this method was developed, 95% of soil samples containing 0.625 ppm or less of PCBs will produce a negative result in the 5 ppm test configuration. Using another commercially available test kit, 97% of soil samples containing 0.25 ppm or less of PCBs will produce a negative result in the assay and greater than 99% of the samples containing 1.0 ppm or more will produce a positive result. Tables 2-5, 7, 10, and 11 present false positive and false negative data generated from commercially available test kits. Using a test kit commercially available for screening non-aqueous waste liquids, >95% of samples containing 0.2-0.5 ppm or less of PCB will produce a negative result.

1.3 In cases where the exact concentrations of PCBs are required, quantitative techniques (i.e., Method 8082) should be used.

1.4 This method is restricted to use by or under the supervision of trained analysts. Each analyst must demonstrate the ability to generate acceptable results with this method.

2.0 SUMMARY OF METHOD

2.1 Test kits are commercially available for this method. The manufacturer's directions should be followed.

2.2 In general, the method is performed using a sample extract. Sample and an enzyme conjugate reagent are added to immobilized antibody. The enzyme conjugate "competes" with PCB present in the sample for binding to immobilized anti-PCB antibody.

2.3 The test is interpreted by comparing the response produced by testing a sample to the response produced by testing standard(s) simultaneously.

3.0 INTERFERENCES

Chemically similar compounds and compounds which might be expected to be found in conjunction with PCB contamination were tested to determine the concentration required to produce a positive test result. These data are shown in Tables 1A, 1B, 1C, and 1D.

4.0 APPARATUS AND MATERIALS

4.1 Immunoassay test kit: PCB RISC™ (EnSys, Inc.), EnviroGard™ PCB in Soil (Millipore, Inc.), D TECH™ PCB test (Strategic Diagnostics Inc.), PCB RISC™ Liquid Waste Test System (EnSys, Inc.), or equivalent.

4.2 Each commercially available test kit will supply or specify the apparatus and materials necessary for successful completion of the test.

5.0 REAGENTS

Each commercially available test kit will supply or specify the reagents necessary for successful completion of the test.

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 See the introductory material to this chapter, Organic Analytes, Section 4.1. Also refer to Reference 9 for the collection and handling of non-aqueous waste liquids.

6.2 Samples may be contaminated, and should therefore be considered hazardous and handled accordingly.

7.0 PROCEDURE

7.1 Follow the manufacturer's instructions for the test kit being used.

7.2 Those test kits used must meet or exceed the performance specifications indicated in Tables 2-11.

8.0 QUALITY CONTROL

8.1 Follow the manufacturer's instructions for the test kit being used for quality control procedures specific to the test kit used. Additionally, guidance provided in Method 4000 and Chapter One should be followed.

8.2 Use of replicate analyses, particularly when results indicate concentrations near the action level, is recommended to refine information gathered with the kit.

8.3 Do not use test kits past their expiration date.

8.4 Do not use tubes or reagents designated for use with other test kits.

8.5 Use the test kits within their specified storage temperature and operating temperature limits.

8.6 Method 4020 is intended for field or laboratory use. The appropriate level of quality assurance should accompany the application of this method to document data quality.

9.0 METHOD PERFORMANCE

9.1 A study was conducted with the PCB RISC™ test kit using fourteen standard soils and three soil samples whose PCB concentration had been established by Method 8082. Replicates were performed on seven of the standard soils and on one of the soil samples for a total of 25 separate analyses. Each of two different analysts ran the 25 analyses. Results indicated that "<" assignments are accurate with almost 99% certainty at the 50 ppm level while ">" assignments can be up to about 96% inaccurate as the sample concentration approaches that of the testing level. Corresponding certainties at the 5 ppm level are 92% and 82% respectively. Tables 2 and 3 summarize these results.

9.2 Table 4 presents method precision data generated using the PCB RISC™ test kit, comparing immunoassay test results with results obtained using Method 8082.

9.3 Method precision was determined with the EnviroGard PCB in Soil test kit by assaying 4 different soils (previously determined to contain 5.04, 9.78, 11.8, and 25.1 mg/kg by Method 8082), at three different sites, using three different lots of assay kits, three times a day for 9 days. A total of 81 analyses were performed for each soil. Error attributable to site, lot, date, and operator were determined. Separately, the relative reactivity of Aroclors 1242, 1248, 1254, and 1260 were determined. Based on Aroclor heterogeneity, and method imprecision, concentrations of Aroclor 1248 were selected that would result in greater than 99% confidence for negative interpretation. A study was conducted (Superfund SITE demonstration) on 114 field samples whose PCB concentration were also determined by Method 8082. 32 of the field samples were collected in duplicate (as coded field duplicates) and assayed by standard and immunoassay methods. The results for all 146 samples are summarized in Tables 5 and 6.

9.4 Grab samples were obtained from sites in Pennsylvania, Iowa and Illinois using a stainless steel trowel. Each sample was homogenized by placing approximately six cubic inches in a stainless steel bucket and mixing with the trowel for approximately two minutes. The soils was aliquotted into 2 six ounce glass bottles. The samples were tested on site using the D TECH PCB test kit, and sent to an analytical laboratory for analysis by Method 8082. These data are compared in Table 7.

9.5 Tables 8 and 9 present data on the inter- and intra-assay precision of the PCB RISC™ Liquid Waste Test System. The data were generated using 11 samples, each spiked at 0, 0.2 and 5 ppm, and assayed 4 times.

9.6 Tables 10 and 11 provide data from application of the PCB RISC™ Liquid Waste Test System to a series of liquid waste samples whose PCB concentration had been established by Method 8082.

10.0 REFERENCES

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2. PCB RISC™ Users Guide, Enslys Inc.

3. R.W. Counts, R.R. Smith, J.H. Stewart, and R.A. Jenkins, "Evaluation of PCB Rapid Immunoassay Screen Test System", Oak Ridge National Laboratory, Oak Ridge, TN 37831, April 1992, unpublished
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7. Melby, J.M., B.S. Finlin, A.B. McQuillin, H.G. Rovira, J.W. Stave, "PCB Analysis by Enzyme Immunoassay", Strategic Diagnostics Incorporated, Newark, Delaware, 1993
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TABLE 1A
CROSS REACTIVITY OF DIFFERENT COMPOUNDS^a

| Compound | Soil Equivalent Concentration (ppm) Required to Yield a Positive Result |
|-------------------------------------|--|
| 1-Chloronaphthalene | 10,000 |
| 1,2,4-Trichlorobenzene | 10,000 |
| 2,4-Dichlorophenyl-benzenesulfonate | 1,000 |
| 2,4-Dichloro-1-naphthol | >10,000 |
| Bifenox | 500 |
| Diesel fuel | >10,000 |
| Pentachlorobenzene | >10,000 |
| 2,5-Dichloroaniline | >10,000 |
| Hexachlorobenzene | >10,000 |
| Gasoline | >10,000 |
| Dichlorofenthion | 10,000 |
| Tetradifon | 125 |

^(a) PCB RISCTM test kit, Ensys, Inc. publication

TABLE 1B
CROSS REACTIVITY OF DIFFERENT COMPOUNDS^a

| Compound | % Cross Reactivity |
|-----------------------------------|--------------------|
| Aroclor 1248 | 100 |
| Aroclor 1242 | 50 |
| Aroclor 1254 | 90 |
| Aroclor 1260 | 50 |
| 1,2-, 1,3-, & 1,4-Dichlorobenzene | <0.5 |
| 1,2,4-Trichlorobenzene | <0.5 |
| biphenyl | <0.5 |
| 2,4-dichlorophenol | <0.5 |
| 2,5-dichlorophenol | <0.5 |
| 2,4,5-trichlorophenol | <0.5 |
| 2,4,6-trichlorophenol | <0.5 |
| Pentachlorophenol | <0.5 |

^a EnviroGard PCB Test Kits (Millipore Corporation)

TABLE 1C
CROSS REACTIVITY OF DIFFERENT COMPOUNDS^a

| Compound | MDL ^b (ppm) | IC 50 ^c (ppm) | % Cross Reactivity ^d |
|--------------|---------------------------|-----------------------------|---------------------------------|
| Aroclor 1016 | 5.7 | 83 | 12 |
| Aroclor 1221 | 25.5 | 300 | 3 |
| Aroclor 1232 | 9.0 | 105 | 10 |
| Aroclor 1242 | 1.5 | 31 | 32 |
| Aroclor 1248 | 0.8 | 24 | 42 |
| Aroclor 1254 | 0.5 | 10 | 100 |
| Aroclor 1260 | 0.75 | 10 | 100 |
| Aroclor 1262 | 0.5 | 10 | 100 |
| Aroclor 1268 | 3.8 | 40 | 25 |

METHOD: The compounds listed were assayed at various concentrations and compared against an inhibition curve generated using Aroclor 1254. The concentration of the compound required to elicit a positive response at the MDL as well as the concentration required to yield 50% inhibition compared to the standard curve were determined.

^a D TECH™ PCB test kit

^b The Minimum Detection Limit (MDL) is defined as the lowest concentration of compound that yields a positive test result.

^c The IC₅₀ is defined as the concentration of compound required to produce a test response equivalent to 50% of the maximum response.

^d % Cross reactivity is determined by dividing the equivalent Aroclor 1254 concentration by the actual compound concentration at IC₅₀

TABLE 1D
CROSS REACTIVITY OF DIFFERENT COMPOUNDS^a

| Compound | % Cross-Reactivity | Soil Equivalent Concentration (ppm) Required to Yield a Positive Result |
|-------------------------|--------------------|---|
| 1-Chloronaphthalene | 0.05% | 10,000 |
| 1,2,4-Trichlorobenzene | 0.05% | 10,000 |
| 2,4-Dichloro-1-naphthol | <0.20% | >10,000 |
| Bifenox | <0.10% | 500 |
| Pentachlorobenzene | <0.05% | >10,000 |
| 2,5-Dichloroaniline | <0.05% | >10,000 |
| Hexachlorobenzene | <0.05% | >10,000 |
| Dichlorofenthion | 0.05% | 10,000 |
| Tetradifon | <0.10% | 125 |

^(a) PCB RiSc™ Liquid Waste Test System, Ensys, Inc.

TABLE 2
ESTIMATED ERROR RATES FOR 5 PPM DILUTION^a

| True Value (ppm) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 20 |
|---------------------------------------|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|------|
| Estimated Rate of False Positives (%) | 1.3 | 13.2 | 39.2 | 65.2 | 82.3 | . | . | . | . | . | . | . |
| Estimated Rate of False Negatives (%) | . | . | . | . | . | 8.5 | 4.1 | 2.0 | 1.0 | 0.5 | 0.3 | <0.1 |

TABLE 3
ESTIMATED ERROR RATES FOR 50 PPM DILUTION^a

| True Value (ppm) | 0 | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 100 |
|---------------------------------------|-----|-----|------|------|------|------|------|-----|-----|-----|-----|------|
| Estimated Rate of False Positives (%) | 1.0 | 7.9 | 24.5 | 46.0 | 65.0 | 87.3 | 95.6 | . | . | . | . | . |
| Estimated Rate of False Negatives (%) | . | . | . | . | . | . | . | 1.7 | 0.7 | 0.3 | 0.2 | <0.1 |

^(a) PCB RISCTM test kit

TABLE 4
Comparison of PCB RISc™ Test Kit with GC

| Sample ID | Screening Test Results | GC Results (Method 8082) | Agreement ^a Y, FP, FN |
|-----------|------------------------|--------------------------|-------------------------------------|
| 101 | <5 ppm | <0.5 ppm | Y |
| 284 | <5 ppm | <0.5 ppm | Y |
| 292 | <5 ppm | <0.5 ppm | Y |
| 199 | <5 ppm | 0.5 ppm | Y |
| 264 | <5 ppm | 1 ppm | Y |
| 257 | <5 ppm | 1.8 ppm | Y |
| 259 | <5 ppm | 4 ppm | Y |
| 265 | <5 ppm | 4.5 ppm | Y |
| 200 | <5 ppm | 5 ppm | Y |
| 170 | 5-50 | 5.8 ppm | Y |
| 198 | <5 ppm | 2.2-5.8 ppm | Y |
| 172 | 5-50 | 6.2 ppm | Y |
| 169 | 5-50 | 7.2 ppm | Y |
| 171 | 5-50 | 7.2 ppm | Y |
| 202 | <5 ppm, 5-50 | 1.3-7.2 ppm | Y |
| 163 | 5-50 | 8.7 ppm | Y |
| 165 | 5-50 | 9 ppm | Y |
| 168 | 5-50 | 9 ppm | Y |
| 166 | 5-50 | 9.3 ppm | Y |
| 164 | 5-50 | 11.9 ppm | Y |
| 204 | 5-50 | 12.8 ppm | Y |
| 253 | 5-50 | 13 ppm | Y |
| 203 | 5-50 | 13.5 ppm | Y |
| 258 | 5-50 | 15 ppm | Y |
| 106 | 5-50 | 15-19 ppm | Y |
| 161 | 5-50 | 15.3 ppm | Y |
| 167 | 5-50 | 16.2 ppm | Y |

TABLE 4 (cont.)

| Sample ID | Screening Test Results | GC Results (Method 8082) | Agreement ^a Y, FP, FN |
|-----------|------------------------|--------------------------|-------------------------------------|
| 247 | 5-50 | 18 ppm | Y |
| 148 | >50 | 18-34 ppm | FP |
| 205 | 5-50 | 20 ppm | Y |
| 162 | 5-50 | 20.4 ppm | Y |
| 175 | 5-50 | 21.2 ppm | Y |
| 176 | 5-50 | 21.6 ppm | Y |
| 197 | 5-50 | 32 ppm | Y |
| 243 | 5-50 | 32 ppm | Y |
| 252 | 5-50 | 32 ppm | Y |
| 178 | 5-50 | 43.7 ppm | Y |
| 201 | 5-50 | 43 ppm | Y |
| 254 | 5-50, >50 | 56 ppm | Y |
| 238 | >50 | 46-60 ppm | Y |
| 248 | 5-50 | 44-60 ppm | Y |
| 250 | >50 | 68 ppm | Y |
| 242 | 5-50 | 30-69 ppm | Y |
| 256 | >50 | 73 ppm | Y |
| 249 | >50 | 96 ppm | Y |
| 245 | >50 | 102 ppm | Y |
| 241 | 5-50 | 154 ppm | FN |
| 246 | >50 | 154 ppm | Y |
| 261 | >50 | 204 ppm | Y |
| 240 | >50 | 251 ppm | Y |
| 267 | >50 | 339 ppm | Y |
| 239 | >50 | 460 ppm | Y |
| 104 | >50 | 200-3772 ppm | Y |
| 108 | >50 | 531-1450 ppm | Y |

^a Y=Yes, FN=False Negative, FP=False Positive

TABLE 5
Comparison of EnviroGard™ PCB Kit with GC

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 001 | >10 | 5.98 | FP ^g |
| 002 | >10 | 1.27 | FP |
| 003 | <10 | 0.11 | Y |
| 004 | >10 | 6.71 | FP ^g |
| 005 | >10 | 1.37 | FP |
| 006 | >10 | 0.68 | FP |
| 007 | >10 | 0.55 | FP |
| 008 | >10 | 2.00 | FP |
| 009 | >10 | 1.30 | FP |
| 010 | >10 | 0.17 | FP |
| 011 | >10 | 1.15 | FP |
| 012 | <10 | ND ^f | Y |
| 013 | <10 | 1.13 | Y |
| 014 | <10 | 0.18 | Y |
| 015 | >10 | 9.13 | FP ^g |
| 015 | >10 | 9.84 | FP ^g |
| 016 | >10 | 2110 | Y |
| 017 | >10 | 2.55 | FP |
| 018 | >10 | 45.4 | Y |
| 019 | >10 | 6.70 | FP ^g |
| 020 | <10 | 0.07 | Y |
| 021 | <10 | 0.06 | Y |
| 022 | <10 | 0.54 | Y |
| 022 | <10 | 0.72 | Y |
| 023 | >10 | 20.8 | Y |
| 024 | <10 | 0.06 | Y |

TABLE 5 (cont.)

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 024D | <10 | 0.05 | Y |
| 025 | >10 | 11.7 | Y |
| 026 | <10 | 1.96 | Y |
| 027 | <10 | 0.06 | Y |
| 028 | <10 | 0.22 | Y |
| 028D | <10 | 0.22 | Y |
| 029 | <10 | 0.23 | Y |
| 030 | <10 | 1.15 | Y |
| 031 | <10 | 0.26 | Y |
| 032 | >10 | 47.6 | Y |
| 033 | >10 | 6.00 | FP ^g |
| 034 | >10 | 34.0 | Y |
| 035 | <10 | ND ^f | Y |
| 035D | <10 | ND ^f | Y |
| 036 | >10 | 816 | Y |
| 037 | <10 | 0.06 | Y |
| 037D | <10 | 0.04 | Y |
| 038 | >10 | 1030 | Y |
| 039 | <10 | 0.68 | Y |
| 040 | >10 | 4.25 | FP |
| 041 | <10 | ND ^f | Y |
| 042 | >10 | 0.52 | FP |
| 042D | >10 | 0.47 | FP |
| 043 | >10 | 1.69 | FP |
| 043D | >10 | 1.74 | FP |

TABLE 5 (cont.)

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 044 | <10 | 0.59 | Y |
| 045 | <10 | ND ^f | Y |
| 046 | <10 | ND ^f | Y |
| 046D | <10 | ND ^f | Y |
| 047 | <10 | 0.09 | Y |
| 047D | <10 | 0.10 | Y |
| 048 | <10 | ND ^d | Y |
| 049 | <10 | ND ^d | Y |
| 050 | >10 | 3.60 | FP |
| 050D | >10 | 4.41 | FP |
| 051 | <10 | ND ^f | Y |
| 052 | >10 | 4.21 | FP |
| 053 | <10 | 0.96 | Y |
| 054 | <10 | 0.52 | Y |
| 055 | <10 | 2.40 | Y |
| 056 | <10 | 0.51 | Y |
| 057 | <10 | ND ^f | Y |
| 058 | <10 | 0.69 | Y |
| 059 | >10 | 7.86 | FP ^g |
| 060 | >10 | 0.62 | FP |
| 060D | <10 | 0.58 | Y |
| 061 | >10 | 580 | Y |
| 062 | >10 | 2.35 | FP |
| 063 | <10 | 0.09 | Y |
| 063D | <10 | 0.15 | Y |

TABLE 5 (cont.)

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 064 | >10 | 19.0 | Y |
| 065 | >10 | 3.08 | FP |
| 066 | <10 | 1.98 | Y |
| 067 | <10 | 0.08 | Y |
| 068 | <10 | 0.50 | Y |
| 069 | <10 | ND ^f | Y |
| 069D | <10 | ND ^f | Y |
| 070 | <10 | ND ^f | Y |
| 071 | <10 | 0.05 | Y |
| 071D | <10 | ND ^f | Y |
| 072 | <10 | 0.04 | Y |
| 073 | >10 | 15.8 | Y |
| 074 | >10 | 13.3 | Y |
| 075 | >10 | 23.0 | Y |
| 076 | >10 | 46.7 | Y |
| 077 | <10 | ND ^f | Y |
| 078 | >10 | 2.27 | FP |
| 079 | >10 | 42.8 | Y |
| 080 | <10 | 3.77 | Y |
| 081 | <10 | 0.69 | Y |
| 081D | <10 | 0.45 | Y |
| 082 | <10 | ND ^f | Y |
| 082D | <10 | 0.24 | Y |
| 083 | <10 | 0.48 | Y |
| 083D | <10 | 0.41 | Y |
| 084 | >10 | 1.16 | FP |

TABLE 5 (cont.)

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 084D | >10 | 1.08 | FP |
| 085 | >10 | 428 | Y |
| 085D | >10 | 465 | Y |
| 086 | <10 | 1.42 | Y |
| 086D | <10 | 1.25 | Y |
| 087 | <10 | 0.08 | Y |
| 087D | <10 | ND ^f | Y |
| 088 | >10 | 2.70 | FP |
| 088D | >10 | 1.77 | FP |
| 089 | >10 | 45.0 | Y |
| 090 | <10 | 1.01 | Y |
| 090D | <10 | 1.40 | Y |
| 091 | >10 | 1630 | Y |
| 091D | >10 | 1704 | Y |
| 092 | <10 | 1.21 | Y |
| 092D | <10 | ND ^f | Y |
| 093 | <10 | 0.30 | Y |
| 094 | <10 | 0.36 | Y |
| 095 | >10 | 17.5 | Y |
| 095D | >10 | 31.2 | Y |
| 096 | <10 | 0.06 | Y |
| 097 | <10 | 1.23 | Y |
| 097D | <10 | 0.29 | Y |
| 098 | >10 | 1.17 | FP |
| 098D | >10 | 0.83 | FP |
| 099 | <10 | ND ^f | Y |

TABLE 5 (cont.)

| Sample Number | Screening Result ^{c,d} | GC Result ^c [8082] | Agreement ^e Y, FN, FP |
|------------------|------------------------------------|----------------------------------|-------------------------------------|
| 100 | >10 | 177 | Y |
| 100D | >10 | 167 | Y |
| 101 | >10 | 1.21 | FP |
| 102 | >10 | 293 | Y |
| 102D | >10 | 177 | Y |
| 103 | >10 | 40.3 | Y |
| 104 | >10 | 7.66 | FP ^g |
| 105 | <10 | 0.21 | Y |
| 106 | <10 | 2.50 | Y |
| 107 | >10 | 14.1 | Y |
| 108 | >10 | 3.84 | FP |
| 109 | <10 | ND ^f | Y |
| 109D | <10 | ND ^f | Y |
| 110 | <10 | ND ^f | Y |
| 111 | <10 | ND ^f | Y |
| 112 | >10 | 315 | Y |
| 113 | >10 | 14.9 | Y |
| 114 | >10 | 66.3 | Y |

^c mg/kg (ppm)^d Screening Calibrator is 5 mg/kg Aroclor 1248^e Y=Yes, FN=False Negative, FP=False Positive^f ND = Not Detectable^g Expected Result Based on Calibrator Concentration

TABLE 6

EnviroGard™ PCB Kit Field Performance Summary

Specificity: $[1-(\text{Reported Positives}/\text{True Negatives})] = [1-(37/109)] = 66\%$

Note 1: 8 of the 37 reported positive samples had PCB contamination levels between 5 and 10 mg/kg. Soils in this range should test "positive" because the assay calibrator is 5 mg/kg Aroclor 1248. A positive assay bias is necessary to prevent false negative results.

Eliminating these samples from the calculations produces a Specificity of:

$[1-(\text{Reported Positives}/\text{True Negatives})] = [1-(29/101)] = 71\%$

Note 2: The distribution of false positives is not random ($p < 0.05$), with a clustering at the beginning of the sample set. This observation was included in *Developers Comments* which were added to the final draft of the Technical Evaluation Report. One explanation for the higher frequency of false positive results at the beginning is inexperience of the operator with the method. If the first 20 samples are eliminated from the Specificity analysis, the following result is obtained:

$[1-(\text{Reported Positives}/\text{True Negatives})] = [1-(20/86)] = 77\%$

In the SITE demonstration, the PCB Immunoassay had a 77% positive predictive value.

Sensitivity: $[1-(\text{Reported Negatives}/\text{True Positives})] = [1-(0/31)] = 100\%$

In the SITE demonstration, the PCB Immunoassay had a 100% negative predictive value.

TABLE 7
Comparison of D TECH™ PCB Test Kit with GC

| Sample | D TECH™ (ppm) | GC (8082) (ppm) | Agreement ^a Y, FN, FP |
|--------|------------------|-----------------------|-------------------------------------|
| J1 | 4.0-15 | 5.0 | Y |
| J2 | >50 | 147 | Y |
| J3 | 15-50 | 54 | Y |
| J5 | 15-50 | 160 | FN |
| J6 | >50 | 1200 | Y |
| J7 | 4.0-15 | 12 | Y |
| J8 | 4.0-15 | 28 | FN |
| J9 | >50 | 463 | Y |
| J10 | >50 | 1760 | Y |
| J11 | >50 | 28 | FP |
| J12 | 15-50 | 17 | Y |
| J13 | >50 | 1300 | Y |
| J14 | >50 | 186 | Y |
| J15 | 15-50 | 31 | Y |
| J16 | 15-50 | 36 | Y |
| J17 | >50 | 31 | FP |
| J18 | >50 | 130 | Y |
| J19 | >50 | 1310 | Y |
| J20 | >50 | 2620 | Y |
| J21 | >50 | 111000 | Y |
| J22 | 1.0-4.0 | 0.01 | FP |
| J23 | 1.0-4.0 | 0.60 | Y |
| J24 | <0.5 | 0.10 | Y |

^a Y=Yes, FN=False Negative, FP=False Positive

TABLE 7 (cont.)

| Sample | D TECH™ (ppm) | GC (8082) (ppm) | Agreement ^a Y, FN, FP |
|--------|------------------|-----------------------|-------------------------------------|
| J25 | 0.5-1.0 | 0.12 | FP |
| J26 | <0.5 | 0.01 | Y |
| J27 | 1.0-4.0 | 1.8 | Y |
| J28 | <0.5 | 0.18 | Y |
| J29 | 0.5-1.0 | 0.54 | Y |
| J30 | >50 | 21 | FP |
| J31 | 4.0-15 | 13 | Y |
| J32 | 0.5-1.0 | 0.72 | Y |
| J33 | 0.5-1.0 | 0.32 | Y |
| J34 | 1.0-4.0 | 0.36 | FP |
| J35 | 1.0-4.0 | 0.26 | FP |
| J36 | >50 | 70 | Y |
| J37 | <0.5 | 0.12 | Y |
| J38 | 0.5-1.0 | 0.81 | Y |
| J39 | 0.5-1.0 | 0.33 | Y |
| J40 | <0.5 | 0.19 | Y |
| J41 | <0.5 | 0.01 | Y |
| J42 | 1.0-4.0 | 0.43 | FP |
| J43 | 1.0-4.0 | 0.31 | FP |
| J44 | 15-50 | 503.4 | FN |
| J45 | 15-50 | 5.6 | FP |
| J46 | <0.5 | 0.02 | Y |
| J47 | <0.5 | 0.22 | Y |

^a Y=Yes, FN=False Negative, FP=False Positive

TABLE 7(cont.)

| Sample | D TECH™ (ppm) | GC (8082) (ppm) | Agreement ^a Y, FN, FP |
|--------|------------------|-----------------------|-------------------------------------|
| G1 | 15-50 | 18 | Y |
| G2 | 4.0-15 | 11 | Y |
| G3 | 1.0-4.0 | 3.4 | Y |
| G4 | 15-50 | 6.5 | FP |
| G5 | <0.5 | 0.01 | Y |
| G6 | 1.0-4.0 | 1.4 | Y |
| G7 | 1.0-4.0 | 0.30 | FP |
| G8 | 15-50 | 7.5 | FP |
| G9 | 4.0-15 | 33 | FN |
| G10 | 15-50 | 8 | FP |
| G11 | 4.0-15 | 11 | Y |
| G12 | 4.0-15 | 24 | FN |
| G13 | 4.0-15 | 4.3 | Y |
| G14 | 0.5-1.0 | 1.3 | Y |
| G15 | <0.5 | 0.01 | Y |
| G16 | 1.0-4.0 | 3.2 | Y |
| G17 | 4.0-15 | 18 | Y |
| G18 | 4.0-15 | 4.6 | Y |
| G19 | 1.0-4.0 | 2.3 | Y |
| G20 | >50 | 37 | FP |

^a Y=Yes, FN=False Negative, FP=False Positive

TABLE 7(cont.)

| Sample | D TECH™ (ppm) | GC (8082) (ppm) | Agreement ^a Y, FN, FP |
|--------|------------------|--------------------|-------------------------------------|
| W1A | 4.0-15 | 9.1 | Y |
| W2A | 4.0-15 | 11 | Y |
| W3A | 1.0-4.0 | 2.8 | Y |
| W4A | 4.0-15 | 13 | Y |
| W5A | >50 | 29 | FP |
| W6A | >50 | 1200 | Y |
| W7A | >50 | 57 | Y |
| W8A | 4.0-15 | 18 | Y |
| W9A | 1.0-4.0 | 1.3 | Y |
| W10A | 0.5-1.0 | 0.44 | Y |
| W11A | 15-50 | 120 | FN |
| W12A | 15-50 | 48 | Y |
| W13A | 15-50 | 19 | Y |
| W14A | 4.0-15 | 2.7 | Y |
| W15A | 1.0-4.0 | 1.3 | Y |
| W16A | 1.0-4.0 | 0.3 | FP |
| W17A | 4.0-15 | 1.4 | FP |
| W18A | 1.0-4.0 | 2.2 | Y |
| W19A | 4.0-15 | 8.2 | Y |
| W20A | >50 | 9.3 | FP |
| W21A | >50 | 110 | Y |
| W22A | 1.0-4.0 | 0.6 | Y |
| W23A | >50 | 46 | Y |

^a Y=Yes, FN=False Negative, FP=False Positive

TABLE 8

Intraassay Precision of the PCB RISC™ Liquid Waste Test System

| PCB 1248 Spike Concentration (ppm) | Signal %RSD (OD _{450nm}) N=44 (11 data sets) | Statistical Percentage of False Results Compared to Standards |
|---------------------------------------|--|--|
| 0 | 6.4% | <0.02% |
| 0.2 | 5.9% | 4.1% |
| 5 | 7.9% | 1.4% |

TABLE 9

Interassay Precision of the PCB RISC™ Liquid Waste Test System

| PCB 1248 Spike Concentration (ppm) | Signal %RSD (OD _{450nm}) N=44 (11 data sets) |
|---------------------------------------|--|
| 0 | 6.4% |
| 0.2 | 8.3% |
| 5 | 8.5% |

TABLE 10
Comparison of PCB RI^{Sc}™ Liquid Waste Test with Method 8082

| Sample ID | Sample Matrix | GC Results | | IA Results | |
|-----------|-------------------|------------------|-----------|--------------|-----------------------|
| | | Aroclor | Conc. ppm | Test Results | Corr. with GC Results |
| 302 | Condensate | ND ^b | ND | <5 | yes |
| 303 | Condensate | ND | ND | <5 | yes |
| 304 | Condensate | 1242 | 25 | ≥5 | yes |
| 306 | Condensate | 1242 | 5 | ≥5 | yes |
| 307 | Condensate | 1242 | <10 | <5 | yes |
| 308 | Condensate | 1242 | 58 | ≥5 | yes |
| 310 | Condensate | 1254 | 25 | ≥5 | yes |
| 311 | Condensate | 1242 | 200 | ≥5 | yes |
| 331 | Transformer Oil | 1260 | 183 | ≥5 | yes |
| 380 | Transformer Oil | PCB ^c | 20 | ≥5 | yes |
| 381 | Transformer Oil | PCB | 38 | ≥5 | yes |
| 382 | Transformer Oil | PCB | 163 | ≥5 | yes |
| 383 | Transformer Oil | PCB | 176 | ≥5 | yes |
| 384 | Transformer Oil | PCB | 336 | ≥5 | yes |
| 385 | Transformer Oil | PCB | 6400 | ≥5 | yes |
| 387 | Coolant | PCB | 10 | ≥5 | yes |
| 388 | 2,4-D Rinse Water | 1254 | <10 | <5 | yes |
| 389 | Waste Solvent | 1242 | 29 | ≥5 | yes |
| 390 | Herbicide | ND | <2 | <5 | yes |
| 391 | Paint/Solvent | 1254 | 9 | ≥5 | yes |
| 394 | Waste Solvent | 1242/1260 | 11/17 | ≥5 | yes |
| 395 | Waste Solvent | 1242/1260 | 2/2 | <5 | yes |
| 396 | Waste Oil | 1260 | 323 | ≥5 | yes |
| 398 | Chlor. Solvent | ND | <5 | <5 | yes |
| 399 | Paint | ND | <50 | <5 | yes |
| 400 | Pump Oil | ND | <50 | <5 | yes |
| 401 | Waste Solvent | ND | <35 | <5 | yes |
| 402 | Herbicide | ND | <50 | <5 | yes |
| 403 | Paint/Solvent | ND | <5 | <5 | yes |
| 404 | Printing Solvent | ND | <5 | <5 | yes |
| 405 | Waste Solvent | ND | <50 | <5 | yes |

TABLE 10 (cont.)

| Sample ID | Sample Matrix | GC Results | | IA Results | |
|----------------------------------|---------------|------------|-----------|--------------|-----------------------|
| | | Aroclor | Conc. ppm | Test Results | Corr. with GC Results |
| 407 | Waste Oil | ND | ND | ≥5 | FP ^d |
| 408 | Waste Oil | ND | ND | <5 | yes |
| 409 | Waste Oil | ND | ND | <5 | yes |
| 410 | Waste Oil | ND | ND | <5 | yes |
| 411 | Waste Oil | ND | ND | <5 | yes |
| 412 | Waste Oil | ND | ND | <5 | yes |
| 413 | Waste Oil | ND | ND | <5 | yes |
| 414 | Waste Oil | ND | ND | <5 | yes |
| 415 | Waste Oil | ND | ND | <5 | yes |
| 416 | Waste Oil | PCB | 50 | >5 | yes |
| 417 | Waste Oil | ND | ND | <5 | yes |
| 418 | Waste Oil | ND | ND | <5 | yes |
| 419 | Waste Oil | ND | ND | <5 | yes |
| 420 | Waste Oil | ND | ND | <5 | yes |
| 421 | Waste Oil | ND | ND | <5 | yes |
| 422 | Waste Oil | ND | ND | <5 | yes |
| 423 | Waste Oil | ND | ND | <5 | yes |
| 424 | Waste Oil | ND | ND | <5 | yes |
| 425 | Waste Oil | ND | ND | <5 | yes |
| Number of False Positive Results | | | | 1/32 | |
| Rate | | | | 3.1% | |
| Number of False Negative Results | | | | 0/18 | |
| Rate | | | | 0.0% | |

^a Trial 1 data^b ND = Not Detectable^c PCB = Aroclor was not determined^d FP = False positive

TABLE 11

Correlation of PCB RISC™ Liquid Waste Test and Method 8082 Results
Using Spiked and Unspiked Liquid Waste Field Samples

| ID | Matrix | GC Results Unspiked ppm | Immunoassay Result | | Interp. |
|-----|------------------------|-------------------------------|--------------------|------------------------|---------|
| | | | Unspiked ppm | Spiked (5 ppm 1248) | |
| 001 | Aromatic solvent | <5 | <5 | ≥5 | |
| 002 | Aviation gas | <5 | <5 | ≥5 | |
| 003 | Chiller oil | <5 | <5 | ≥5 | |
| 004 | Compressor oil | <5 | <5 | ≥5 | |
| 005 | Coolant + water | <5 | <5 | ≥5 | |
| 006 | Coolant oil | NR ^b | NR | ≥5 | |
| 007 | Coolant oil | NR | <5 | ≥5 | |
| 008 | Cutting oil | <5 | <5 | ≥5 | |
| 009 | Cutting oil | <5 | <5 | ≥5 | |
| 010 | Degreaser still bottom | <5 | <5 | ≥5 | |
| 011 | Dope oil | <5 | <5 | ≥5 | |
| 012 | Draw Lube oil | <5 | <5 | ≥5 | |
| 013 | Fleet crankcase oil | <5 | <5 | ≥5 | |
| 014 | Floor sealer | <5 | <5 | ≥5 | |
| 015 | Fuel oil | <5 | <5 | ≥5 | |
| 016 | Hi-BTU oil | <5 | <5 | ≥5 | |
| 017 | Honing oil | <5 | <5 | ≥5 | |
| 018 | Hydraulic oil | <5 | <5 | ≥5 | |
| 019 | Hydraulic oil | <5 | <5 | ≥5 | |
| 020 | Hydraulic oil | <5 | <5 | ≥5 | |
| 021 | Machine oil | NR | <5 | NR | |
| 022 | Mineral oil | <5 | <5 | ≥5 | |
| 023 | Mineral spirits | <5 | <5 | ≥5 | |
| 024 | Mineral spirits + ink | <5 | ≥5 | ≥5 | FP |
| 025 | Mixed flammables | <5 | <5 | ≥5 | |
| 026 | Mixed solvents | <5 | <5 | ≥5 | |
| 027 | Naphtha | <5 | <5 | ≥5 | |
| 028 | Oil | <5 | <5 | ≥5 | |
| 029 | Oil | <5 | <5 | ≥5 | |
| 030 | Oil | <5 | <5 | ≥5 | |
| 031 | Oil | <5 | <5 | ≥5 | |

TABLE 11 (cont.)

| ID | Matrix | GC Results Unspiked ppm | Immunoassay Result | | Interp. |
|-----|-----------------------------|-------------------------------|--------------------|------------------------|---------|
| | | | Unspiked ppm | Spiked (5 ppm 1248) | |
| 032 | Oil | <5 | <5 | ≥5 | |
| 033 | Oil | <5 | <5 | ≥5 | |
| 034 | Oil + 1,1,1-trichloroethane | <5 | <5 | ≥5 | |
| 035 | Oil sludge | <5 | ≥5 | ≥5 | FP |
| 036 | Oil + freon | <5 | <5 | ≥5 | |
| 037 | Oil + mineral spirits | <5 | <5 | ≥5 | |
| 038 | Oil + scum solution | <5 | <5 | ≥5 | |
| 039 | Oily water | <5 | <5 | ≥5 | |
| 040 | Paint thinner | <5 | <5 | ≥5 | |
| 041 | Paint thinner | <5 | <5 | ≥5 | |
| 042 | Paint thinner | <5 | <5 | ≥5 | |
| 043 | Paint waste | <5 | <5 | ≥5 | |
| 044 | Paint waste + thinner | <5 | <5 | ≥5 | |
| 045 | Perce + oil | <5 | <5 | ≥5 | |
| 046 | Petroleum distillates | <5 | ≥5 | ≥5 | FP |
| 047 | Petroleum naphtha | <5 | <5 | ≥5 | |
| 048 | Pumping oil | <5 | <5 | ≥5 | |
| 049 | RAC-1 SKOS | <5 | <5 | ≥5 | |
| 050 | Sk oil | NR | <5 | ≥5 | |
| 051 | Sk oil | <5 | <5 | ≥5 | |
| 052 | Smog Hog | <5 | <5 | ≥5 | |
| 053 | Toluene + hexane | <5 | <5 | ≥5 | |
| 054 | Toluene + stain | <5 | <5 | ≥5 | |
| 055 | 1,1,1-Trichloroethane | <5 | ≥5 | ≥5 | FP |
| 056 | 1,1,1-Trichloroethane | <5 | <5 | ≥5 | |
| 057 | 1,1,1-Trichloroethane | <5 | <5 | ≥5 | |
| 058 | 1,1,1-Trichloroethane | <5 | <5 | ≥5 | |
| 059 | 1,1,1-TCE + methanol | <5 | <5 | ≥5 | |
| 060 | Trichloroethylene | <5 | <5 | ≥5 | |
| 061 | Trichloroethylene | <5 | <5 | ≥5 | |
| 062 | Trichloroethylene | <5 | <5 | ≥5 | |
| 063 | Turpentine | <5 | <5 | ≥5 | |

TABLE 11 (cont.)

| ID | Matrix | GC Results Unspiked ppm | Immunoassay Result | | Interp. |
|-----|----------------------|-------------------------------|--------------------|------------------------|---------|
| | | | Unspiked ppm | Spiked (5 ppm 1248) | |
| 064 | Used n-butylacetate | <5 | <5 | ≥5 | |
| 065 | Used oil + freon | <5 | <5 | ≥5 | |
| 066 | Used oil + freon | <5 | <5 | ≥5 | |
| 067 | Used oils | <5 | <5 | ≥5 | |
| 068 | Used petroleum | <5 | <5 | ≥5 | |
| 069 | Used petroleum | <5 | <5 | ≥5 | |
| 070 | Used synthetic oil | <5 | <5 | ≥5 | |
| 071 | Varnish + stain | <5 | <5 | ≥5 | |
| 072 | Varsol | <5 | <5 | ≥5 | |
| 073 | Waste coolant + oil | <5 | <5 | ≥5 | |
| 074 | Waste ink + solvent | <5 | <5 | ≥5 | |
| 075 | Waste naphtha | <5 | <5 | ≥5 | |
| 076 | Waste oil | <5 | <5 | ≥5 | |
| 077 | Waste oil | <5 | <5 | ≥5 | |
| 078 | Waste oil | <5 | <5 | ≥5 | |
| 079 | Waste oil | <5 | <5 | ≥5 | |
| 080 | Waste oil | <5 | <5 | ≥5 | |
| 081 | Waste oil | <5 | <5 | ≥5 | |
| 082 | Waste oil | <5 | <5 | ≥5 | |
| 083 | Waste oil | <5 | <5 | ≥5 | |
| 084 | Waste oil | <5 | <5 | ≥5 | |
| 085 | Waste oil + kerosene | <5 | <5 | ≥5 | |
| 086 | Waste oil + gas | <5 | <5 | ≥5 | |
| 087 | Waste paint | <5 | <5 | ≥5 | |
| 088 | Waste paint | <5 | <5 | ≥5 | |
| 089 | Waste paint | <5 | <5 | ≥5 | |
| 090 | Waste paint | <5 | <5 | ≥5 | |
| 091 | Waste paint | <5 | <5 | ≥5 | |
| 092 | Waste paint | <5 | <5 | ≥5 | FP |
| 093 | Waste SC-49 solvent | <5 | <5 | ≥5 | |
| 094 | Waste solvent | <5 | <5 | ≥5 | |
| 095 | Waste stoddard | <5 | <5 | ≥5 | |
| 096 | Waste toner | <5 | <5 | ≥5 | |

TABLE 11 (cont.)

| ID | Matrix | GC Results Unspiked ppm | Immunoassay Result | | Interp. |
|-------------------------------|-----------------------------|-------------------------------|--------------------|------------------------|---------|
| | | | Unspiked ppm | Spiked (5 ppm 1248) | |
| 097 | Waste tramp oil | <5 | <5 | ≥5 | |
| 098 | Waste transmission fluid | <5 | <5 | ≥5 | |
| 099 | Xylene | <5 | ≥5 | ≥5 | FP |
| 100 | Not Recorded | <5 | <5 | NR | |
| No. of False Positive Results | | 6/99 | | | |
| Rate | | 6.1% | | | |
| No. of False Negative Results | | | | 0/98 | |
| Rate | | | | 0.0% | |

^a Trial 2 data^b NR = not run

MODERNWATER

RaPID Assay[®]

PCB

RaPID Assay[®] is a rapid field or laboratory enzyme immunoassay method for the analysis of soil and water for remediation, assessment, and industrial testing.

Test result type

- Quantitative, semi-quantitative or qualitative

Samples per kit

- 100 test kit (tests up to 80+ samples)

Assay range

- Soil: 0.5 ppm to 10 ppm total PCB's as Aroclor 1254
- Water: 0.25 to 5.0 ppb total PCB's as Aroclor 1254
- Wipes: 5 to 100µg per wipe total PCB's as Aroclor 1254
- Range can be extended with additional dilutions

Sample preparation

- Soil samples require prior extraction using the sample extraction kit (sold separately)
- The sample extraction kit provides materials for 12 soil sample extractions with methanol
- Water samples must be diluted one part sample to one part methanol to prevent adsorptive loss

Sampling time

- Soil extraction time is typically two minutes per sample plus assay run time of approximately 60 minutes

- Rapid field testing procedure for analysis of soil and water samples
- Quantitative data results with excellent analytical precision
- Results available in approximately 60 minutes
- Training available
- Magnetic particle immunoassay
- EPA SW-846 method #4020



MODERNWATER



US: +1 302 669 6900
UK: +44 (0)1483 696 000
www.modernwater.com
info@modernwater.co.uk

Specificity

The table below shows compounds at the method detection limit (MDL) which is the lowest concentration of the compound that can be picked up in the assay. The limit of quantification (LOQ) - an approximate concentration required to yield a positive result at the lowest standard. The IC50 is the concentration required to inhibit one-half of the colour produced by the negative control. It is also used to calculate cross-reactivity values to similar compounds.

| PCBS IN SOIL (PPM) | | | |
|--------------------|-------|------|-------|
| Contaminant | MDL | LOQ | IC50 |
| Aroclor 1254 | 0.20 | 0.5 | 3.60 |
| Aroclor 1260 | 0.20 | 0.3 | 2.3 |
| Aroclor 1248 | 0.22 | 0.6 | 4.22 |
| Aroclor 1242 | 0.34 | 1.2 | 8.80 |
| Aroclor 1262 | 0.36 | 0.7 | 4.74 |
| Aroclor 1232 | 0.84 | 2.6 | 18.76 |
| Aroclor 1268 | 0.92 | 3.0 | 21.80 |
| Aroclor 1016 | 0.94 | 3.6 | 25.6 |
| Aroclor 1221 | 13.54 | 22.6 | 162.6 |

Basic Test Procedure

- Add calibrators and sample, enzyme conjugate, and antibody coupled magnetic particles to a test tube. Vortex.
- Incubate for 15 minutes
- Using the RaPID magnetic separator, decant and wash two times
- Add colour solution and incubate for 20 minutes
- Stop the reaction and read colour at 450 nm
- Quantitative results and QC parameters are calculated and printed automatically using the RPA spectrophotometer

Test kit components

- Antibody coated magnetic particles for analysis of 100 test tubes
- Zero standard, wash, enzyme conjugate, colour development and stop reagents
- Standards for 0.25, 1.00 and 5.0 ppb as Aroclor 1254
- Kit control as 3.0 ppb as Aroclor 1254
- Disposable test tubes
- Test kit instructions

Storage & precautions

- Shelf life is typically one year from date of manufacture, with specific kit expiration date information provided on product packaging.
- Reagents must be stored at 39° to 46°F (4° to 8°C) when not in use
- Store at ambient temperature 64° to 81°F (18° to 27°C) is acceptable for day of use
- Kits must be brought to 64° to 81°F (18° to 27°C) before use
- Do not expose colour solution to direct sunlight

Required test materials

- | | |
|---|----------|
| • PCB Assay 100 tube kit | A00134 |
| • Sample extraction kit (for soil samples only) | A00137EB |
| • Sample extraction kit (for wipe samples only) | A00137WB |
| • PCB sample diluent 100mL | A00136 |

Required test equipment

- | | |
|--|----------------------------|
| • RaPID Assay accessory kit which contains | 6050100 (p) 6997010 (r) |
| RPA-II RaPID analyser | 6000081 |
| Printer | 6000082 |
| Magnetic separation rack | A00004 |
| Repeator pipet | A00008 |
| Adjustable volume pipet | A00176 |
| Vortex mixer | A00014 |
| Portable balance | A00131 |
| Digital timer | A00015 |
| • Repeator pipet tips | A00009 |
| • Adjustable pipet tips | A00013 |

Other recommended materials

- Latex gloves
- Liquid and solid waste containers
- Calculator
- Absorbant paper for blotting
- Marking pen

p = purchase, r = rental



MODERNWATER

10/11/13 13:12:01

*** RPA II ***

*** SDI ***

PROTOCOL: PCB

TECH ID : Troy Stevens

LOT # : 13D4050 Batch 1

EXP DATE: 10/16/13

Data Reduction: Linear Regression

Transformation: Ln/Logitb

Wavelength : 450 nm

Units : PPM

Equation Of Line:

Slope: -0.6954

Intercept: 0.6830

Corr: 0.9976

Cal Curve:

1.2X

0.7+

Abs:

0.2+

-0.4

-0.9

-0.69

2.30

Conc

Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.818 | 0.000 | 0.818 | |
| | 0.773 | | 0.773 | |
| Mean: | 0.796 | 0.850 | 0.850 | 100.000 |
| 4.0 | | | | |
| 0.500 | 0.612 | 0.472 | -0.028 | -5.930 |
| | 0.614 | 0.466 | -0.034 | -7.303 |
| Mean: | 0.613 | 0.469 | -0.031 | -6.614 |
| 0.1 | | | | |
| 2.000 | 0.434 | 2.055 | 0.055 | 2.684 |
| | 0.409 | 2.469 | 0.469 | 19.010 |
| Mean: | 0.421 | 2.253 | 0.253 | 11.237 |
| 4.2 | | | | |
| 10.000 | 0.245 | 8.566 | -1.434 | -16.744 |
| | 0.222 | 10.486 | 0.486 | 4.632 |
| Mean: | 0.233 | 9.463 | -0.537 | -5.671 |
| 7.0 | | | | |

Transformed Data:

Conc Abs

-0.693 1.210
0.693 0.118
2.303 -0.880

Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.2748 | 6.6978 |
| ID | | |

Sample Data:

| Smpl | Abs | Conc |
|------|----------------------|----------|
| 1 | 0.6040 | 0.5127 |
| ID | <u>SW-1-13 (3.5)</u> | |
| 2 | 0.4901 | 1.3546 |
| ID | <u>FL-1-13 (8.0)</u> | |
| 3 | 0.7509 | 0.0465nd |
| ID | <u>SW-2-13 (3.5)</u> | |
| 4 | 0.5348 | 0.9516 |
| ID | <u>SW-3-13 (3.5)</u> | |
| 5 | 0.6502 | 0.3102nd |
| ID | <u>FL-2-13 (6.5)</u> | |

End*-*
10/16/13 12:37:48

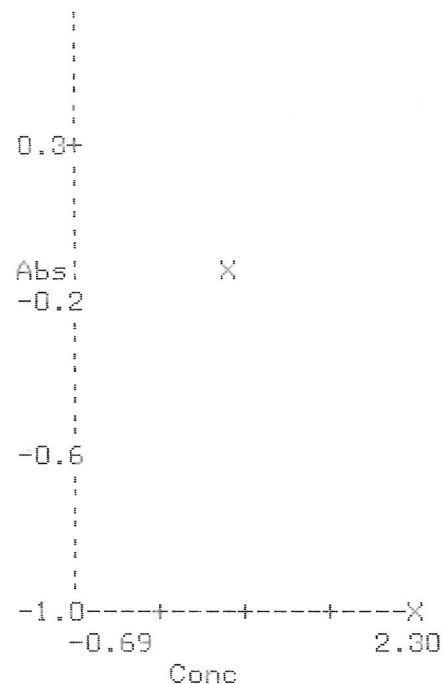
*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : M. Kohagen

LOT # : Batch 6

EXP DATE: 10/25/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.5863
Intercept: 0.3328
Corr: 0.9993
Cal Curve:
0.7X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.651 | 0.000 | 0.651 | |
| | 0.653 | | 0.653 | |
| Mean: | 0.652 | 0.580 | 0.580 | 100.000 |
| 0.3 | | | | |
| 0.500 | 0.403 | 0.781 | 0.281 | 35.969 |
| | 0.474 | 0.331 | -0.169 | -51.037 |
| Mean: | 0.438 | 0.518 | 0.018 | 3.476 |
| 1.6xx | | | | |
| 2.000 | 0.304 | 2.226 | 0.226 | 10.143 |
| | 0.337 | 1.576 | -0.424 | -26.917 |
| Mean: | 0.320 | 1.873 | -0.127 | -6.808 |
| 7.3 | | | | |
| 10.000 | 0.163 | 11.480 | 1.480 | 12.893 |
| | 0.179 | 9.287 | -0.713 | -7.674 |
| Mean: | 0.171 | 10.309 | 0.309 | 3.002 |
| 6.5 | | | | |

Transformed Data:
Conc Abs

-0.693 0.718
0.693 -0.035
2.303 -1.035
Control Data:

Ctrl Abs Conc

1 0.1908 7.9530
ID _____

Sample Data:

Smp1 Abs Conc

1 0.4943 0.2521nd
ID FL-10-13 (12.0)

End*-*
10/25/13 07:47:42

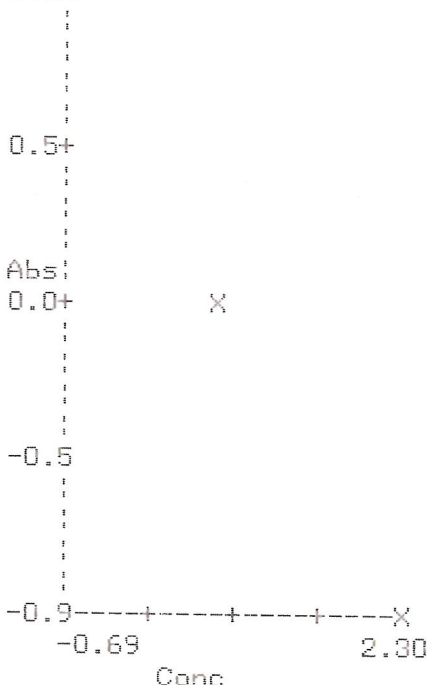
*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : Troy Stevens

LOT # : Batch 2

EXP DATE: 10/17/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.6339
Intercept: 0.5125
Corr: 0.9995
Cal Curve:
1.0X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.811 | 0.000 | 0.811 | |
| | 0.843 | | 0.843 | |
| Mean: | 0.827 | 0.608 | 0.608 | 100.000 |
| 2.7 | | | | |
| 0.500 | 0.594 | 0.512 | 0.012 | 2.410 |
| | 0.606 | 0.460 | -0.040 | -8.773 |
| Mean: | 0.600 | 0.486 | -0.014 | -2.987 |
| 1.3 | | | | |
| 2.000 | 0.398 | 2.528 | 0.528 | 20.877 |
| | 0.445 | 1.765 | -0.235 | -13.316 |
| Mean: | 0.422 | 2.113 | 0.113 | 5.330 |
| 7.9 | | | | |
| 10.000 | 0.218 | 11.401 | 1.401 | 12.292 |
| | 0.250 | 8.391 | -1.609 | -19.170 |
| Mean: | 0.234 | 9.750 | -0.250 | -2.567 |
| 9.8 | | | | |

Transformed Data:
Conc Abs

-0.693 0.971
0.693 0.038
2.303 -0.931
Control Data:

Ctrl Abs Conc

1 0.2721 6.9116
Sample Data:

Smp1 Abs Conc

1 0.5203 0.9769
ID FL-1-13 (9.7)

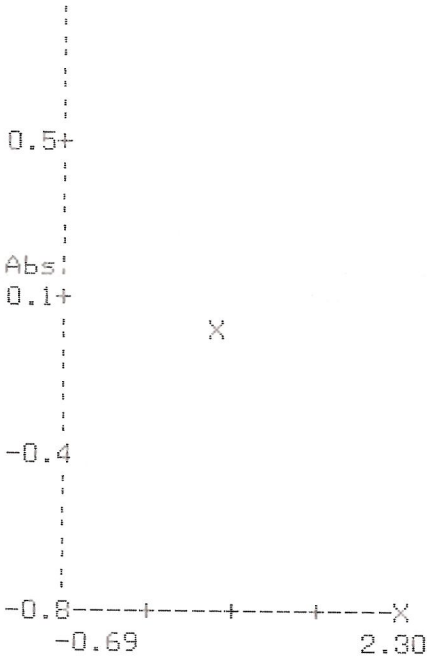
2 0.8230 0.0006nd
ID FL-3-13 (9.5)

3 0.5255 0.9357
ID FL-2-13 (6.5) Re-run.

*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : T. Stevens
LOT # : Batch 3
EXP DATE: 10/21/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.5740
Intercept: 0.4868
Corr: 0.9987
Cal Curve:
0.9X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| 0.000 | 0.780 | 0.000 | 0.780 | |
| | 0.770 | | 0.770 | |
| Mean: | 0.775 | 0.605 | 0.605 | 100.000 |
| 0.9 | | | | |
| 0.500 | 0.550 | 0.491 | -0.009 | -1.912 |
| | 0.556 | 0.463 | -0.037 | -8.099 |
| Mean: | 0.553 | 0.476 | -0.024 | -4.949 |
| 0.7 | | | | |
| 2.000 | 0.415 | 1.823 | -0.177 | -9.718 |
| | 0.375 | 2.626 | 0.626 | 23.829 |
| Mean: | 0.395 | 2.188 | 0.188 | 8.598 |
| 7.3 | | | | |
| 10.000 | 0.244 | 9.015 | -0.985 | -10.928 |
| | 0.233 | 10.216 | 0.216 | 2.114 |
| Mean: | 0.239 | 9.592 | -0.408 | -4.248 |
| 3.5 | | | | |

Transformed Data:

| Conc | Abs |
|--------|--------|
| -0.693 | 0.912 |
| 0.693 | 0.037 |
| 2.303 | -0.811 |

Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.2785 | 6.3980 |

ID _____

Sample Data:

| Smp1 | Abs | Conc |
|------|---------------|----------|
| 1 | 0.7710 | 0.0003nd |
| ID | FL-4-13 (9.5) | |
| 2 | nd | |
| ID | FL-5-13 (9.5) | |
| 3 | 0.7007 | 0.0472nd |
| ID | FL-6-13 (9.5) | |
| 4 | nd | |
| ID | FL-7-13 (9.5) | |
| 5 | 0.5210 | 0.6692 |
| ID | FL-8-13 (9.5) | |
| 6 | 0.6559 | 0.1201nd |
| ID | FL-9-13 (9.5) | |

End*-*

10/21/13 07:57:34

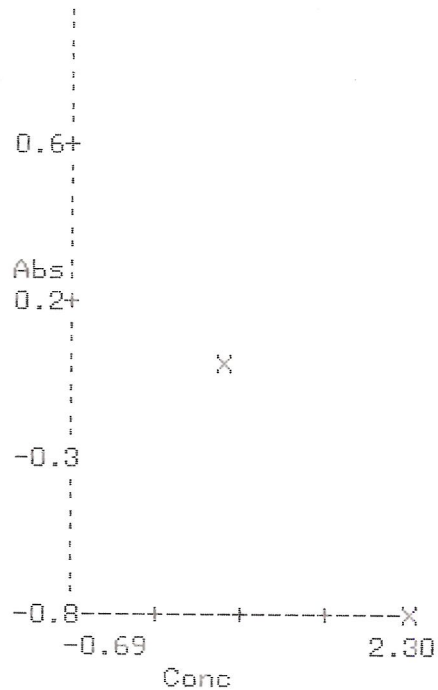
10/22/13 11:59:18
*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : T. Stevens

LOT # : BATCH 4

EXP DATE: 10/22/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.6581
Intercept: 0.6217
Corr: 0.9949
Cal Curve:
1.1X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.663 | 0.000 | 0.663 | |
| | 0.795 | | 0.795 | |
| Mean: | 0.729 | 0.849 | 0.849 | 100.000 |
| 12.8** | | | | |
| 0.500 | 0.578 | 0.336 | -0.164 | -48.988 |
| | 0.527 | 0.599 | 0.099 | 16.552 |
| Mean: | 0.553 | 0.455 | -0.045 | -9.924 |
| 6.5 | | | | |
| 2.000 | 0.407 | 1.806 | -0.194 | -10.753 |
| | 0.340 | 3.146 | 1.146 | 36.436 |
| Mean: | 0.374 | 2.385 | 0.385 | 16.149 |
| 12.6** | | | | |
| 10.000 | 0.211 | 10.090 | 0.090 | 0.887 |
| | 0.229 | 8.438 | -1.562 | -18.510 |
| Mean: | 0.220 | 9.217 | -0.783 | -8.492 |
| 5.8 | | | | |

Transformed Data:
Conc Abs

-0.693 1.140
0.693 0.050
2.303 -0.840
Control Data:

Ctrl Abs Conc

1 0.2563 6.5255

ID: Review

Sample Data:

Smpl Abs Conc

1 0.3497 2.9124

ID: FL-10-13 (9.0)

2 0.6905 0.0323nd

ID: FL-11-13 (9.0)

3 0.6727 0.0597nd

ID: FL-12-13 (9.0)

4 0.4226 1.5791

ID: FL-13-13 (9.0)

5 0.6703 0.0640nd

ID: FL-14-13 (9.0)

6 0.5740 0.3525nd

ID: FL-15-13 (9.0)

7 0.6345 0.1429nd

ID: FL-16-13 (9.0)

8 0.6129 0.2059nd

ID: FL-17-13 (9.0)

9 0.6862 0.0382nd

ID: FL-18-13 (9.0)

10 0.2922 4.7422

ID: FL-19-13 (9.0)

11 0.5938 0.2721nd

ID: FL-20-13 (9.0)

12 0.3869 2.1361

ID: FL-21-13 (9.0)

13 0.3469 2.9802

ID: SW-4-13 (4.5)

14 0.4954 0.8221

ID: SW-5-13 (4.5)

15 0.3726 2.4067

ID: FL-22-13 (5.0)

16 0.4124 1.7233

ID: FL-23-13 (5.0)

17 0.2469 7.1138

ID: FL-24-13 (5.0)

18 0.5756 0.3455nd

ID: FL-25-13 (5.0)

19 0.5801 0.3264nd

ID: SW-6-13 (2.5)

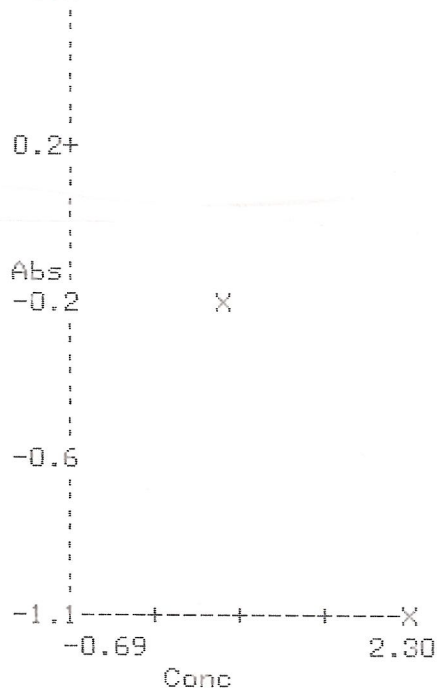
*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : T. Stevens

LOT # : Batch 5

EXP DATE: 10/22/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.5807
Intercept: 0.2380
Corr: 0.9992
Cal Curve:
0.7X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 1.183 | 0.000 | 1.183 | |
| | 1.074 | | 1.074 | |
| Mean: | 1.128 | 0.216 | 0.216 | 100.000 |
| 6.8 | | | | |
| 0.500 | 0.657 | 0.850 | 0.350 | 41.200 |
| | 0.832 | 0.255 | -0.245 | -95.942 |
| Mean: | 0.744 | 0.482 | -0.018 | -3.768 |
| 16.6xx | | | | |
| 2.000 | 0.589 | 1.296 | -0.704 | -54.271 |
| | 0.425 | 3.596 | 1.596 | 44.385 |
| Mean: | 0.507 | 2.143 | 0.143 | 6.652 |
| 2.9xx | | | | |
| 10.000 | 0.287 | 9.591 | -0.409 | -4.269 |
| | 0.285 | 9.784 | -0.216 | -2.212 |
| Mean: | 0.286 | 9.686 | -0.314 | -3.237 |
| 0.6 | | | | |

Transformed Data:
Conc Abs

-0.693 0.662
0.693 -0.204
2.303 -1.081
Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.3420 | 6.3155 |
| ID | | |

Sample Data:

| Smpl | Abs | Conc |
|------|----------------|----------|
| 1 | 1.0840 | 0.0061nd |
| ID | FL-22-13 (6.0) | |
| 2 | 0.4360 | 3.3389 |
| ID | FL-23-13 (6.0) | |
| 3 | 0.4650 | 2.7758 |
| ID | FL-24-13 (6.0) | |
| 4 | 0.5104 | 2.0922 |
| ID | FL-10-13 (0.0) | |

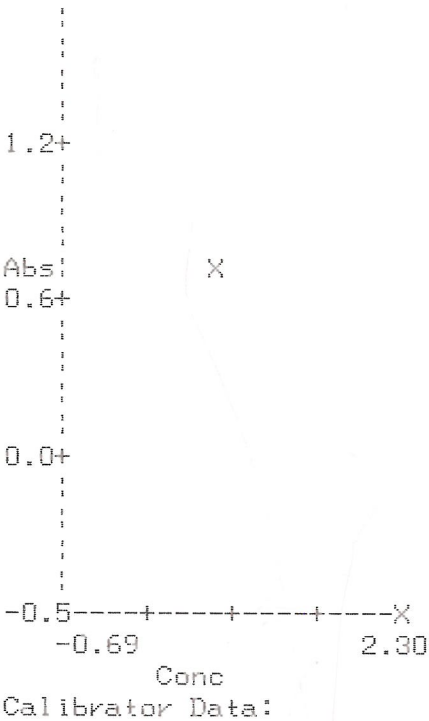
End*-*

*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : MFC

LOT # : 7
EXP DATE: 10/29/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.7436
Intercept: 1.2213
Corr: 0.9993
Cal Curve:
1.7X



| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.826 | 0.000 | 0.826 | |
| | 0.795 | | 0.795 | |
| Mean: | 0.811 | 1.737 | 1.737 | 100.000 |
| 2.7 | | | | |
| 0.500 | 0.692 | 0.480 | -0.020 | -4.154 |
| | 0.681 | 0.558 | 0.058 | 10.374 |
| Mean: | 0.686 | 0.518 | 0.018 | 3.523 |
| 1.2 | | | | |
| 2.000 | 0.544 | 1.981 | -0.019 | -0.976 |
| | 0.559 | 1.766 | -0.234 | -13.281 |
| Mean: | 0.551 | 1.871 | -0.129 | -6.904 |
| 1.9 | | | | |
| 10.000 | 0.329 | 8.629 | -1.371 | -15.888 |
| | 0.278 | 12.404 | 2.404 | 19.378 |
| Mean: | 0.303 | 10.314 | 0.314 | 3.042 |
| 1.9XX | | | | |

Transformed Data:
Conc Abs

-0.693 1.710
0.693 0.756
2.303 -0.514
Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.3543 | 7.2587 |
| ID | | |

Sample Data:

Smpl Abs Conc

1 nd
ID FL-28-13 (5')

2 nd
ID SW-9-13 (2.5')

3 nd
ID FL-27-13 (5')

4 nd
ID SW-8-13 (3.5')

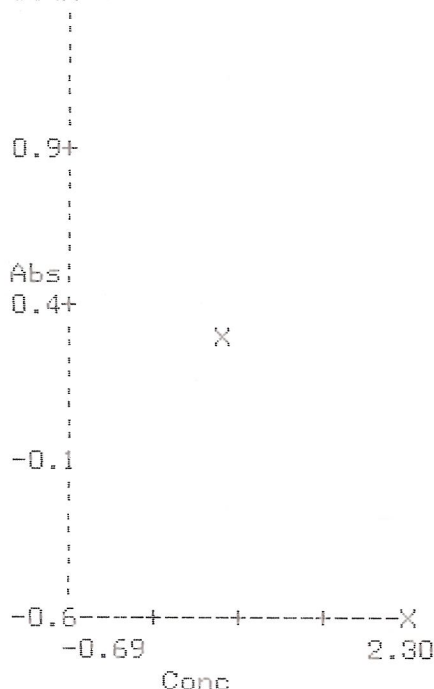
5 0.7903 0.0375nd
ID FL-26-13 FL-26-13 (7')

End*-X
10/29/13 10:11:33

*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID : TAS
LOT # : 8
EXP DATE: 10/30/13

Data Reduction: Linear Regression
Transformation: Ln/Logitb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.6742
Intercept: 0.9119
Corr: 0.9974
Cal Curve:
1.4X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| %CV | | | | |
| 0.000 | 0.757 | 0.000 | 0.757 | |
| | 0.765 | | 0.765 | |
| Mean: | 0.761 | 1.251 | 1.251 | 100.000 |
| 0.8 | | | | |
| 0.500 | 0.598 | 0.561 | 0.061 | 10.928 |
| | 0.629 | 0.383 | -0.117 | -30.467 |
| Mean: | 0.613 | 0.467 | -0.033 | -6.993 |
| 3.5 | | | | |
| 2.000 | 0.434 | 2.550 | 0.550 | 21.581 |
| | 0.463 | 2.014 | 0.014 | 0.684 |
| Mean: | 0.448 | 2.268 | 0.268 | 11.823 |
| 4.6 | | | | |
| 10.000 | 0.270 | 9.356 | -0.644 | -6.886 |
| | 0.268 | 9.514 | -0.486 | -5.111 |
| Mean: | 0.269 | 9.434 | -0.566 | -5.995 |
| 0.5 | | | | |

Transformed Data:

| Conc | Abs |
|--------|--------|
| -0.693 | 1.425 |
| 0.693 | 0.360 |
| 2.303 | -0.601 |

Control Data:

Ctrl Abs Conc

1 0.3159 6.4325

ID ~~FL-29-13 (10.5)~~ TAS 10/30/13

Sample Data:

Smp1 Abs Conc

1 nd
ID FL-29-13 (10.5)

2 nd
ID FL-30-13 (10.5)

3 0.7144 0.0673nd
ID FL-31-13 (10.5) (5.0)

4 nd
ID FL-32-13 (5.0)

5 0.7349 0.0274nd
ID FL-33-13 (5.0)

6 0.7440 0.0142nd
ID FL-34-13 (2.5)

End*-*
10/30/13 11:06:33

*** RPA II ***
*** SDI ***
PROTOCOL: PCB
TECH ID: _____

LOT # _____

EXP DATE: _____

Data Reduction: Linear Regression
Transformation: Ln/Lositb
Wavelength : 450 nm
Units : PPM

Equation Of Line:
Slope: -0.4927
Intercept: -0.2594
Corr: 0.9997 above 0.99
Cal Curve: _____
0.1X

-0.3

Abs:

-0.6

-1.0

-1.4

-0.69

Conc

2.30

Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|---------|--------|--------|---------|
| 0.000 | 1.043 | 0.000 | 1.043 | |
| | 0.595 | | 0.595 | |
| Mean: | 0.819 | 0.112 | 0.112 | 100.000 |
| 38.6** | 0.8-2.0 | | | |
| 0.500 | 0.430 | 0.481 | -0.019 | -3.900 |
| | 0.427 | 0.498 | -0.002 | -0.495 |
| Mean: | 0.429 | 0.489 | -0.011 | -2.183 |
| 0.6 | | | | |
| 2.000 | 0.309 | 1.638 | -0.362 | -22.092 |
| | 0.264 | 2.670 | 0.670 | 25.087 |
| Mean: | 0.286 | 2.082 | 0.082 | 3.940 |
| 1.1** | | | | |
| 10.000 | 0.195 | 6.225 | -3.775 | -60.632 |
| | 0.133 | 16.618 | 6.618 | 39.824 |
| Mean: | 0.164 | 9.816 | -0.184 | -1.878 |
| 27.1** | | | | |

Transformed Data:

Conc Abs

-0.693 0.093

0.693 -0.621

2.303 -1.385

Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 4.8 | 7.2 |
| | 0.1660 | 9.5153 |

ID

Sample Data:

* Smp1 Abs Conc

1 0.6502 0.0383nd

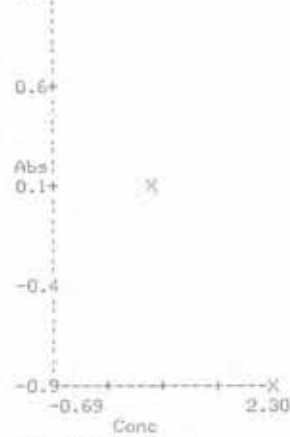
ID

6 +/- 1.2
ND @ lowest
detection =
high = < 0.5 ppm
over 10 ppm

TECH ID : MFK
 LOT # : 9
 EXP DATE: 10/30/13

Data reduction: Linear Regression
 T₁ information: Infrared
 Wavelength : 450 nm
 Units : PPM

Equation Of Line:
 Slope: -0.6839
 Intercept: 0.6262
 Corr: 0.9992
 Cal Curve:
 1.1X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|--------|-------|--------|--------|---------|
| 0.000 | 0.819 | 0.000 | 0.819 | |
| | 0.783 | | 0.783 | |
| Mean: | 0.801 | 0.775 | 0.775 | 100.000 |
| • 3.2 | | | | |
| 0.500 | 0.606 | 0.477 | -0.023 | -4.783 |
| | 0.604 | 0.487 | -0.013 | -2.708 |
| Mean: | 0.605 | 0.482 | -0.018 | -3.739 |
| 0.2 | | | | |
| 2.000 | 0.409 | 2.349 | 0.349 | 14.872 |
| | 0.434 | 1.951 | -0.049 | -2.499 |
| Mean: | 0.421 | 2.141 | 0.141 | 6.604 |
| 4.3 | | | | |
| 10.000 | 0.222 | 10.149 | 0.149 | 1.471 |
| | 0.232 | 9.255 | -0.745 | -8.049 |
| Mean: | 0.227 | 9.699 | -0.311 | -3.212 |
| 3.2 | | | | |

Transformed Data:
 Conc Abs

-0.693 1.125
0.693 0.105
2.303 -0.927
Control Data:

| Ctr1 | Abs | Conc |
|------|-----|------|
|------|-----|------|

| | | |
|---|--------|--------|
| 1 | 0.2569 | 6.8854 |
|---|--------|--------|

ID. _____

Sample Data:

| Smpl | Abs | Conc |
|------|-----|------|
|------|-----|------|

| | | |
|---|--------|----------|
| 1 | 0.6053 | 0.4786nd |
|---|--------|----------|

ID. ~~FL-12-13 (5.0)~~ SW-12-13 (2.5)

| | | |
|---|--------|----------|
| 2 | 0.6814 | 0.1959nd |
|---|--------|----------|

ID. ~~FL-13-13~~ SW-13-13 (2.5)

| | | |
|---|--------|----------|
| 3 | 0.7589 | 0.0363nd |
|---|--------|----------|

ID. SW-14-13 (2.5)

| | | |
|---|--------|----------|
| 4 | 0.6390 | 0.3355nd |
|---|--------|----------|

ID. FL-33-13 (5.0)

| | | |
|---|--------|--------|
| 5 | 0.5367 | 0.8859 |
|---|--------|--------|

ID. FL-34-13 (5.0)

| | | |
|---|--------|----------|
| 6 | 0.6097 | 0.4583nd |
|---|--------|----------|

ID. FL-35-13 (5.0)

| | | |
|---|--------|----------|
| 7 | 0.6120 | 0.4475nd |
|---|--------|----------|

ID. FL-36-13 (5.0)

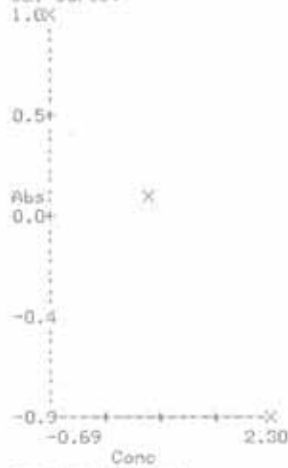
End*-*

10/30/13 16:05:52

XXX EPA 11 XXX
 XXX SDI XXX
 PROTOCOL: PCB
 TECH ID: PK
 LOT # : 10
 EXP DATE: 10/31/13

Data Reduction: Linear Regression
 Transformation: Ln/Logitb
 Wavelength : 450 nm
 Units : PPM

Equation Of Line:
 Slope: -0.5491
 Intercept: 0.5878
 Corr: 0.9990
 Cal Curve:



Calibrator Data:

| Conc | Abs | Predic | Diff | NDiff |
|--------|-------|--------|--------|---------|
| NCV | | | | |
| 0.000 | 0.738 | 0.000 | 0.738 | |
| | 0.750 | | 0.750 | |
| Mean: | 0.744 | 0.786 | 0.786 | 100.000 |
| 1.2 | | | | |
| 0.500 | 0.529 | 0.615 | 0.115 | 18.732 |
| | 0.561 | 0.438 | -0.062 | -14.077 |
| Mean: | 0.545 | 0.522 | 0.022 | 4.133 |
| 4.1 | | | | |
| 2.000 | 0.419 | 1.672 | -0.328 | -19.601 |
| | 0.395 | 2.043 | 0.043 | 2.102 |
| Mean: | 0.407 | 1.849 | -0.151 | -8.174 |
| 4.2 | | | | |
| 10.000 | 0.220 | 9.385 | -0.615 | -6.556 |
| | 0.200 | 11.492 | 1.492 | 12.986 |
| Mean: | 0.210 | 10.370 | 0.370 | 3.571 |
| 5.7 | | | | |

Transformed Data:

| Conc | Abs |
|--------|--------|
| -0.693 | 1.010 |
| 0.693 | 0.189 |
| 2.303 | -0.931 |

Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.2383 | 7.8801 |
| ID | | |

Sample Data:

| Smpl | Abs | Conc |
|------|-----|------|
|------|-----|------|

| | | |
|---|--------|-----------|
| 1 | 0.1457 | 21.7844Hi |
|---|--------|-----------|

ID SW-15-13 (2.5)

| | | |
|---|--------|--------|
| 2 | 0.2549 | 6.7492 |
|---|--------|--------|

ID SW-16-13 (2.5)

| | | |
|---|--------|--------|
| 3 | 0.5218 | 0.6632 |
|---|--------|--------|

ID SW-17-13 (2.5)

| | | |
|---|--------|--------|
| 4 | 0.3586 | 2.7618 |
|---|--------|--------|

ID SW-18-13 (2.5)

| | | |
|---|--------|--------|
| 5 | 0.4002 | 1.9555 |
|---|--------|--------|

ID SW-19-13 (2.5)

| | | |
|---|--------|--------|
| 6 | 0.4730 | 1.0474 |
|---|--------|--------|

ID FL-39-13 (5.0)

| | | |
|---|--------|--------|
| 7 | 0.2204 | 9.3745 |
|---|--------|--------|

ID FL-40-13 (5.0)

| | | |
|---|--------|--------|
| 8 | 0.4236 | 1.6069 |
|---|--------|--------|

ID FL-41-13 (5.0)

| | | |
|---|--------|--------|
| 9 | 0.2982 | 4.5934 |
|---|--------|--------|

ID FL-42-13 (5.0)

| | | |
|----|--------|--------|
| 10 | 0.4752 | 1.0274 |
|----|--------|--------|

ID FL-43-13 (5.0)

| | | |
|----|--|----|
| 11 | | nd |
|----|--|----|

ID FL-44-13 (5.0)

| | | |
|----|--------|--------|
| 12 | 0.3369 | 3.3094 |
|----|--------|--------|

ID FL-45-13 (5.0)

| | | |
|----|--------|----------|
| 13 | 0.6582 | 0.1068nd |
|----|--------|----------|

ID FL-46-13 (5.0)

| | | |
|----|--------|----------|
| 14 | 0.7226 | 0.0108nd |
|----|--------|----------|

ID FL-47-13 (5.0)

| | | |
|----|--------|----------|
| 15 | 0.7389 | 0.0011nd |
|----|--------|----------|

ID FL-48-13 (5.0)

End*-*

10/31/13 16:18:47

XXX EPA II XXX

XXX SDI XXX

PROTOCOL: PCS

TECH ID: MFK

LOT # : 11

EXP DATE: 11/01/13

Data Reduction: Linear Regression

Transformation: Ln/Log10b

Wavelength : 450 nm

Units : PPM

Equation Of Line:

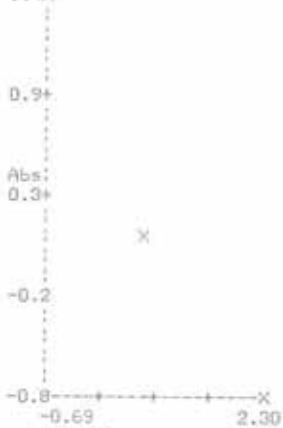
Slope: -0.7276

Intercept: 0.8324

Corr: 0.9934

Cal Curve:

1.4X



Calibrator Data:

| Conc | Abs | Predic | Diff | %Diff |
|------|-----|--------|------|-------|
|------|-----|--------|------|-------|

%CV

| | | | | |
|--------|-------|-------|--------|---------|
| 0.000 | 0.778 | 0.000 | 0.778 | |
| | 0.754 | | 0.754 | |
| Mean: | 0.766 | 1.096 | 1.096 | 100.000 |
| 2.3 | | | | |
| 0.500 | 0.633 | 0.367 | -0.133 | -36.214 |
| | 0.599 | 0.541 | 0.041 | 7.526 |
| Mean: | 0.616 | 0.449 | -0.051 | -11.305 |
| 3.3 | | | | |
| 2.000 | 0.417 | 2.459 | 0.459 | 18.621 |
| | 0.419 | 2.425 | 0.425 | 17.523 |
| Mean: | 0.418 | 2.441 | 0.441 | 18.074 |
| 0.3 | | | | |
| 10.000 | 0.247 | 8.682 | -1.318 | -15.187 |
| | 0.236 | 9.584 | -0.416 | -4.337 |
| Mean: | 0.241 | 9.119 | -0.881 | -9.664 |
| 3.5 | | | | |

Transformed Data:

Conc Abs

| | |
|--------|--------|
| -0.693 | 1.415 |
| 0.693 | 0.183 |
| 2.303 | -0.776 |

Control Data:

| Ctrl | Abs | Conc |
|------|-----|------|
|------|-----|------|

| | | |
|---|--------|--------|
| 1 | 0.2750 | 6.9650 |
|---|--------|--------|

ID _____

Sample Data:

| Sampl | Abs | Conc |
|-------|-----|------|
|-------|-----|------|

| | | |
|---|--------|--------|
| 1 | 0.5576 | 0.8113 |
|---|--------|--------|

ID SW-21-13 (3.0)

| | | |
|---|--------|--------|
| 2 | 0.4054 | 2.6727 |
|---|--------|--------|

ID FL-44-13 (6.0)

| | | |
|---|--------|--------|
| 3 | 0.2322 | 9.8542 |
|---|--------|--------|

ID SW-26-13 (3.0)

| | | |
|---|--------|----------|
| 4 | 0.7447 | 0.0237nd |
|---|--------|----------|

ID FL-54-13 (6.0)

End*-*

11/01/13 10:20:11

*** RPA II ***

*** SDI ***

PROTOCOL: PCB

TECH ID : PK

LOT # : 12

EXP DATE: 11/13

Data Reduction: Linear Regression

Transformation: Ln/Lowltb

Wavelength : 450 nm

Units : PPM

Equation Of Line:

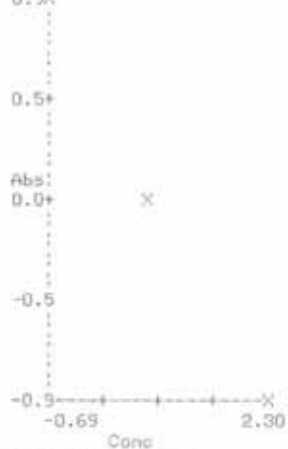
Slope: -0.6225

Intercept: 0.5041

Corr: 1.0000

Cal Curve:

0.9%



| Conc | Abs | Predic | Diff | %Diff |
|------|-----|--------|------|-------|
|------|-----|--------|------|-------|

NCV

| | | | | |
|--------|-------|--------|--------|---------|
| 0.000 | 0.828 | 0.000 | 0.828 | |
| | 0.762 | | 0.762 | |
| Mean: | 0.795 | 0.627 | 0.627 | 100.000 |
| 5.9 | | | | |
| 0.500 | 0.557 | 0.571 | 0.071 | 12.400 |
| | 0.586 | 0.430 | -0.070 | -16.257 |
| Mean: | 0.571 | 0.497 | -0.003 | -0.642 |
| 3.5 | | | | |
| 2.000 | 0.441 | 1.573 | -0.427 | -27.140 |
| | 0.379 | 2.601 | 0.601 | 20.098 |
| Mean: | 0.410 | 2.024 | 0.024 | 1.183 |
| 0.7xx | | | | |
| 10.000 | 0.220 | 10.560 | 0.560 | 5.006 |
| | 0.231 | 9.375 | -0.625 | -6.672 |
| Mean: | 0.226 | 9.945 | -0.055 | -0.552 |
| 3.8 | | | | |

Transformed Data:

Conc Abs

| | |
|--------|--------|
| -0.693 | 0.940 |
| 0.693 | 0.065 |
| 2.303 | -0.926 |

Control Data:

| Ctrl | Abs | Conc |
|------|-----|------|
|------|-----|------|

| | | |
|---|--------|--------|
| 1 | 0.2626 | 6.9865 |
|---|--------|--------|

ID_____

Sample Data:

| Sampl | Abs | Conc |
|-------|-----|------|
|-------|-----|------|

| | | |
|---|--------|----------|
| 1 | 0.6217 | 0.2878nd |
|---|--------|----------|

ID SW-22-13 (2.5)

2nd
ID FL-51-13 (70)

| | | |
|---|--------|-----------|
| 3 | 0.2187 | 10.6446H1 |
|---|--------|-----------|

ID FL-52-13 (5.0)

| | | |
|---|--------|----------|
| 4 | 0.7805 | 0.0036nd |
|---|--------|----------|

ID FL-53-13 (5.0)

End*-*

11/01/13 14:05:16

XXX RFA II XXX

XXX SDI XXX

PROTOCOL: PCR

TECH ID: MRK

LOT # : 13

EXP DATE: 11/13

Data Reduction: Linear Regression

Transformation: Ln/Logitb

Wavelength : 450 nm

Units : PPM

Equation Of Line:

Slope: -0.6922

Intercept: 0.5978

Corr: 0.9995

Cal Curve:

1.1X

0.6+

0.1+

Abs:

-0.5

-1.0

-0.69

2.30

Conc

Calibrator Data:

Conc

Abs

Predic

Diff

NDiff

NCV

0.000

0.945

0.848

Mean:

7.7

0.500

0.710

0.634

Mean:

0.1

2.000

0.510

0.423

Mean:

3.1XX

10.000

0.247

0.242

Mean:

1.6

Transformed Data:

Conc

Abs

-0.693

0.693

2.303

Control Data:

1.097

0.082

-0.979

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.2993 | 6.4306 |
| ID | | |

Sample Data:

| Smp1 | Abs | Conc |
|------|----------|----------|
| 1 | 0.8142 | 0.0860nd |
| ID | SW-23-13 | |
| 2 | 0.8164 | 0.0825nd |
| ID | FL-54-13 | |
| 3 | 0.7303 | 0.2786nd |
| ID | FL-55 | |
| 4 | 0.8178 | 0.0802nd |
| ID | FL-56 | |
| 5 | 0.8001 | 0.1110nd |
| ID | SW-24 | |
| 6 | 0.8888 | 0.0024nd |
| ID | SW-25 | |
| 7 | 0.7778 | 0.1563nd |
| ID | SW-26 | |
| 8 | 0.5482 | 1.2304 |
| ID | SW-27 | |
| 9 | 0.3164 | 5.6896 |
| ID | SW-28 | |
| 10 | 0.8755 | 0.0106nd |
| ID | FL-57 | |
| 11 | 0.8811 | 0.0066nd |
| ID | FL-58 | |
| 12 | 0.7596 | 0.1990nd |
| ID | FL-59 | |
| 13 | 0.7810 | 0.1493nd |
| ID | FL-60 | |
| 14 | 0.6971 | 0.3881nd |
| ID | FL-61 | |
| 15 | 0.6458 | 0.6033 |
| ID | FL-62 | |

End*-*

27-20-12

27-30-12

6

27-20-12

27-25-12

11/04/13 17:08:22

*** RPA 11 ***

*** SDI ***

PROTOCOL: PCB

TECH ID: PAK

LOT #: 14

EXP DATE: 11/4/13

Data Reduction: Linear Regression

Transformation: Ln/Los1tb

Wavelength : 450 nm

Units : ppm

Equation Of Line:

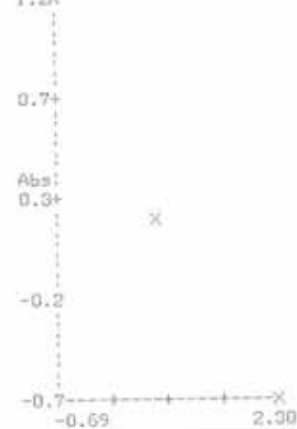
Slope: -0.6216

Intercept: 0.7311

Corr: 0.9987

Cal Curve:

1.2X



Conc
Calibrator Data:

| Conc | Abs | Predic | Diff | SDiff |
|--------|-------|--------|--------|---------|
| NCV | | | | |
| 0.000 | 0.793 | 0.000 | 0.793 | |
| | 0.764 | | 0.764 | |
| Mean: | 0.779 | 0.926 | 0.926 | 100.000 |
| 2.7 | | | | |
| 0.500 | 0.595 | 0.486 | -0.014 | -2.838 |
| | 0.599 | 0.463 | -0.032 | -6.772 |
| Mean: | 0.597 | 0.477 | -0.023 | -4.780 |
| 0.4 | | | | |
| 2.000 | 0.440 | 2.126 | 0.126 | 5.926 |
| | 0.434 | 2.239 | 0.239 | 10.658 |
| Mean: | 0.437 | 2.182 | 0.182 | 8.325 |
| 1.0 | | | | |
| 10.000 | 0.257 | 9.223 | -0.777 | -8.422 |
| | 0.258 | 10.000 | 0.008 | 0.075 |
| Mean: | 0.263 | 9.606 | -0.394 | -4.104 |
| 2.4 | | | | |

Transformed Data:
Conc Abs

-0.693 1.191
0.693 0.246
2.303 -0.675

Control Data:

| Ctrl | Abs | Conc |
|------|--------|--------|
| 1 | 0.2896 | 7.5276 |

ID: _____

Sample Data:

| Smpl | Abs | Conc |
|------|--------|----------|
| 1 | 0.7257 | 0.0479nd |

ID: SW-29-13

2 nd
ID: SW-30-13

3 0.6495 0.2410nd
ID: SW-30-13

4 0.6775 0.1519nd
ID: SW-30-13

End*-*



Appendix F

Removal Waste Transportation and
Disposal Documents



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|---|--|--|------|--|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 001 TRW | | 2. Page 1 of | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone | | | |
| | | | | | | G. State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | Ton | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional information | | | | | | | | | |
| Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | | Signature "On behalf of" Kelsey-Hayes Company | | | Month 7 | Day 23 | Year 12 | |
| FACILITY | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name Mike Allen | | | Signature | | | Month 7 | Day 23 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name | | | Signature | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|---|--|--|------|---|-------------------|--------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 002 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone | | | |
| | | | | | | G. State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Misc. Comments | |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TA | 50 | TON | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # M100094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Corillie | | | Signature "On behalf of" Kelsey-Hayes Company Chad Van Corillie | | | Month 7 | Day 23 | Year 12 | |
| FACILITY | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name Lonnaie Macv... | | | Signature Lonnaie Macv... | | | Month 7 | Day 23 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|---|--|--|------|---|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 003 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID State Generator ID | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID State Transporter ID | | |
| | | | | | | F. Transporter's Phone Transporter's Phone | | |
| | | | | | | G. State Facility ID State Facility ID | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | TON | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | |
| | d. | | | | | | | |
| | WM Profile # | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | |
| | | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # M100094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad VanCott | | | Signature "On behalf of" Chad VanCott | | | Month 7 | Day 23 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature Terry Campbell | | | Month 7 | Day 23 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| Printed Name | | | Signature | | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year |

758971

4132

7/25/12



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|--------------------------------|--------------------------------------|-----------------------------|---|-------------------|------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 004 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | | | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | a. PCB Impacted Soil and Debris | | No. | Type | | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | 1 | TR | 50 | TON | | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| TRANSPORTER | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| BILL TO: Arcadis | | Cell | | Level | | | | | |
| 15. Special Handling Instructions and Additional Information | | Grid | | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Chad Van Coillie | | Kelsey-Hayes Company | | Month 7 | Day 23 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature Terry Campbell | | Month 7 | Day 23 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | Year |
| | | | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature 759130 57 15 | | Month 7 | Day 23 | Year 12 |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|----------------------|--------------------------------------|--------------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 005 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris | | No. | Type | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | 1 | TR | 50 | TON | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| | d. | | | | | | |
| | WM Profile # | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| BILL TO: Arcadis | | Cell | | Level | | | |
| 15. Special Handling Instructions and Additional Information | | Grid | | | | | |
| Purchase Order # MIO0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey-Hayes Company | | Month 7 | Day 23 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month 7 | Day 23 | Year 12 |
| | Printed Name Lonnie Marvin | | | | | | |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | Printed Name | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| FACILITY | Printed Name | | Signature | | Month 7 | Day 23 | Year 12 |
| | | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-----------|---|---------------------------|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 006 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name 01 | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | |
| | a. PCB Impacted Soil and Debris | | | No. Type | | 14. Unit Wt./Vol. | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 1R | | 50 Ton | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| TRANSPORTER | d. | | | | | | |
| | WM Profile # | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | |
| | BILL TO: Arcadis | | | Cell | | Level | |
| | 15. Special Handling Instructions and Additional Information | | | Grid | | | |
| | | | | | | | |
| Purchase Order # MI00094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad VanCoillie | | | | Signature "On behalf of" Kelsey Hayes Company | | Month Day Year 7 23 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Mike Allen | | Signature | | Month Day Year 7 23 12 | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| FACILITY | Printed Name | | Signature | | Month Day Year | | |
| | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name | | | | Signature | | Month Day Year 7/23 | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|---|--|---|-----------|--|---|---|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 007-TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID 5564 | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | | | 6. US EPA ID Number 5564 | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name 00 | | | | 8. US EPA ID Number 00 | | D. Transporter's Phone 989-681-3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone Transporter's Phone | | | |
| | | | | | | G. State Facility ID State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | TON | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | | |
| | Purchase Order # M100094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| | Printed Name Chad Van Coillie | | | Signature "On behalf of" Kelsey-Hayes Company | | | Month 7 | Day 24 | Year 12 |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature Lonnie Maruin | | | Month 7 | Day 24 | Year 12 |
| | Printed Name Lonnie Maruin | | | Signature | | | Month | Day | Year |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| | Printed Name | | | Signature | | | Month | Day | Year |
| | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | Month | Day | Year |
| Printed Name RK | | | Signature | | | Month 7 | Day 24 | Year 12 | |

5564

734-326-0993

7/24/12



| | | | | | | | | |
|--|--|---|--|---|--------------------|---|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 008 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID 110280MI | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. #01 | | | 6. US EPA ID Number 110280MI | | | C. State Transporter's ID USDOT1019631 | | |
| 7. Transporter 2 Company Name | | | 8. US EPA ID Number | | | D. Transporter's Phone 989-681-3014 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | | E. State Transporter's ID State Transporter ID | | |
| | | | | | | F. Transporter's Phone Transporter's Phone | | |
| | | | | | | G. State Facility ID State Facility ID | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. PCB Impacted Soil and Debris | | | No. | Type | | | | |
| WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | TON | | |
| b. | | | | | | | | |
| WM Profile # | | | | | | | | |
| c. | | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| BILL TO: Arcadis | | | Cell | | | Level | | |
| | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MID0094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Charles Van Coillie | | | Signature "On behalf of" Charles Van Coillie | | | Month 7 | Day 24 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature Mike Allen | | | Month 7 | Day 24 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | Signature 7/24/12 | | | Month 7 | Day 24 | Year 12 |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | Signature 7/24/12 | | | Month 7 | Day 24 | Year 12 |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-----------------------------|--------------------------------------|--------------------|--|------------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 009 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Misc. Comments |
| | a. PCB Impacted Soil and Debris | | No. | Type | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | 1 | TR | 50 | Ton | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| | d. | | | | | | |
| | WM Profile # | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| BILL TO: Arcadis | | Cell | | Level | | | |
| 15. Special Handling Instructions and Additional Information | | Grid | | | | | |
| Purchase Order # MIO0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad VanCott | | Signature "On behalf of" Kelsey Hayes Company | | Month 7 | Day 24 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature | | Month 7 Day 24 Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month Day Year |
| | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name Signature Month Day Year | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 010 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID JULIE 101-1000 | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID State Transporter ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone Transporter's Phone | | G. State Facility ID State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | |
| | a. PCB Impacted Soil and Debris | | | No. Type | | 14. Unit Wt./Vol. | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 1R | | 50 TON | |
| | b. PCB Impacted Soil and Debris | | | No. Type | | 1 1R | |
| | WM Profile # | | | 1 1R | | 1 1R | |
| | c. PCB Impacted Soil and Debris | | | No. Type | | 1 1R | |
| TRANSPORTER | d. PCB Impacted Soil and Debris | | | No. Type | | 1 1R | |
| | WM Profile # | | | 1 1R | | 1 1R | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | |
| | BILL TO: Arcadis | | | Cell | | | |
| | | | | Grid | | | |
| | 15. Special Handling Instructions and Additional Information | | | | | | |
| Purchase Order # MI00094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad VanCoillie | | | | Signature "On behalf of" Chad VanCoillie | | Month Day Year 7 24 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Signature Lennie Marvin | | Month Day Year 7 24 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | |
| Printed Name | | | | Signature | | Month Day Year | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|----------------------------|---|-----------------------------|---|-------------------|------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 011-TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID None | | | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. #01 | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID State Transporter ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone Transporter's Phone | | G. State Facility ID State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | a. PCB Impacted Soil and Debris | | No. | Type | | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | 1 | TR | 50 | TON | | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| TRANSPORTER | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| BILL TO: Arcadis | | Cell | | Level | | | | | |
| 15. Special Handling Instructions and Additional Information | | Grid | | | | | | | |
| Purchase Order # M100094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad VanCaille | | Signature "On behalf of" Chad VanCaille | | Kelsey-Hayes Company | | Month 7 | Day 24 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Mike Allen | | Signature Mike Allen #01 | | Month 7 | Day 24 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | Year |
| | | | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | | Month | Day | Year |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|---|--|---|--|---|-----------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 012 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID MILFROD MI 48381 | | |
| 4. Generator's Phone 480-722-4856 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID State Transporter ID | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone Transporter 2 Phone | | G. State Facility ID State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | | |
| | a. PCB Impacted Soil and Debris | | | No. Type | | 14. Unit Wt./Vol. | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 1R | | 50 TON | | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | |
| | 15. Special Handling Instructions and Additional Information | | | Grid | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Chad Van Coillie | | Kelsey-Hayes Company | | Month 7 | Day 24 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature Terry Campbell | | Month 7 | Day 24 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal | | I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name Signature 75945047 45 | | | | | | |
| | | Month Day Year 12/24/12 | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|---|--|--|------|---|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 013-TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID State Transporter ID | | | |
| | | | | | | F. Transporter's Phone Transporter's Phone | | | |
| | | | | | | G. State Facility ID State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | Ton | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # MIO0094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | | Signature "On behalf of" Kelsey-Hayes Company | | | Month 7 | Day 24 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature Connie Marvin | | | Month 7 | Day 29 | Year 12 |
| | Printed Name Connie Marvin | | | Signature JMK 00 | | | | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | Signature 11/29/12 | | | Month 11 | Day 29 | Year 12 |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | Signature | | | Month | Day | Year |
| | Printed Name | | | Signature | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|---|--|---|--------------------------------------|------------------------|--|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 014 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. #01 | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 | TR | 50 | TON | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| TRANSPORTER | d. | | | | | | | |
| | WM Profile # | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | BILL TO: Arcadis | | | Cell | | Level | | |
| | 15. Special Handling Instructions and Additional Information | | | Grid | | | | |
| | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Catta | | | Signature on behalf of Kelsey-Hayes Company | | | Month 7 | Day 24 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name Mike Allen | | Signature | | Month 7 Day 24 Year 12 | | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| FACILITY | Printed Name | | | Signature | | Month | Day | Year |
| | 19. Certificate of Final Treatment/Disposal | | | | | | | |
| | I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| Printed Name | | | Signature | | Month 7 | Day 24 | Year 12 | |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-----------|---|---------------------------|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 015 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | |
| | a. PCB Impacted Soil and Debris | | | No. Type | | 14. Unit Wt./Vol. | |
| | WM Profile # 110280MI Exp Date: 06/28/2013 | | | 1 1 TR | | 50 100 | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | |
| | BILL TO: Arcadis | | | Cell | | | |
| | | | | Grid | | | |
| | 15. Special Handling Instructions and Additional Information | | | | | | |
| | Purchase Order # MI00094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/864-414-3726 | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | |
| FACILITY | Printed Name Chad Van Coillie | | | Signature On behalf of Kelsey Hayes Company | | Month Day Year 7 24 12 | |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Terry Campbell | | | Signature | | Month Day Year 7 24 12 | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | | Signature | | Month Day Year | |
| | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | | Signature | | Month Day Year 7 24 12 | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-----------------------------------|--|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 016TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73855 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | | D. Transporter's Phone 989-681-3014 | |
| 7. Transporter 2 Company Name Trk #00 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. | | No. | Type | | | |
| | PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 | TR | 50 | TON | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | |
| | d. | | | | | | |
| | WM Profile # | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| FACILITY | | | Cell | | Level | | |
| | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # | | MI00094.0 0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton / 864-414-3726 | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY <i>Anthony Maffeo</i> | | Month | Day | Year | |
| | | | | 7 | 25 | 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature <i>Connie Maroun</i> | | Month | Day | Year |
| | Printed Name Connie Maroun | | | | 7 | 25 | 12 |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | Printed Name | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name | | Signature <i>159753 46</i> | | Month | Day | Year | |
| | | | | 7 | 25 | 12 | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|---|--|--------------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 017 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | 4. Generator's Phone 480-722-4856 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73856 | |
| 5. Transporter 1 Company Name Wonsay Tree Service, Inc | | 6. US EPA ID Number #01 | | C. State Transporter's ID US D051019631 | | D. Transporter's Phone 989-681-3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 1 | TR | 50 TON |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| 15. Special Handling Instructions and Additional Information | | Cell | | Grid | | Level | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffei | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Mike Allen | | Signature [Signature] | | Month 7 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Day 25 |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Month 7 | | |
| | Printed Name | | Signature | | Day 25 | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|---|--|--|--|--|--|---|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 018 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73857 | | B. State Generator's ID | | | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | E. State Transporter's ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | | | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | | |
| | Purchase Order # M100094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3736 | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| TRANSPORTER | Printed Name Tony Maffeo | | | Signature "On behalf of" KELSEY-HAYES COMPANY [Signature] | | | Month 7 | Day 25 | Year 12 |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Terry Campbell | | | Signature [Signature] | | | Month 7 | Day 25 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | | Signature | | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| | Printed Name | | | Signature [Signature] | | | Month | Day | Year |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|----------------------|---|--------------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 019 TRW | | Manifest Doc No. | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73858 | | B. State Generator's ID | |
| 4. Generator's Phone 480.722.4866 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc. Trk#100 | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48134 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 1. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| | | | Cell | | Level | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | Grid | | | | |
| | | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton/ 864-414-3736 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month | Day | Year | |
| | | | | 7 | 25 | 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | Printed Name Lonnie Marvin | | | | 7 | 25 | 12 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | Printed Name | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | Signature | | Month | Day | Year | |
| | | | | | | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|----------------------|--|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 020 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73859 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number #01 | | C. State Transporter's ID USDOT 1019631 | | D. Transporter's Phone 937.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. 1 | Type TR | 50 | TON | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| | | | | | | | |
| | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 854-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Mike Allen | | Month 7 | Day 25 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest | | Signature | | Month | Day | Year |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|---|----------------------|--|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 021 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | 4. Generator's Phone 480-722-4866 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73860 | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| | | | Cell | | Level | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | |
| | Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 | Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature Terry Campbell | | Month 7 | Day 25 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | | Month | Day |
| TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY | | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|----------------|--|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. | | 2. Page 1 of 1 | |
| | | MID053347456 022 TRW | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73861 | |
| 4. Generator's Phone 480-222-4866 | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | |
| 7. Transporter 2 Company Name Trk-Hoo | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity |
| | | | No. | Type | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 | TR | 50 TON |
| | b. | | | | |
| | WM Profile # | | | | |
| | c. | | | | |
| WM Profile # | | | | | |
| d. | | | | | |
| WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | |
| | | Cell | | Level | |
| | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 |
| | | | | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | |
| | Printed Name Lonnie Mardin | Signature | Month 7 | Day 25 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | |
| Printed Name | | Signature | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | | | |
| Printed Name | | Signature | Month 7 | Day 25 | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|---|--|---|--|--|--------------------|---|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 023 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | 4. Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73862 | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | | D. Transporter's Phone 989.681.3014 | | |
| 7. Transporter 2 Company Name #01 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 1 | TR | 50 TON | |
| | b. | | | | | | | |
| | c. | | | | | | | |
| | d. | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | |
| | Purchase Order # MID0094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3736 | | | | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| FACILITY | Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 | Year 12 | |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Mike Allen | | Signature [Signature] | | Month 7 | Day 25 | Year 12 | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | Signature | | Month | Day | Year | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| | Printed Name | | Signature [Signature] | | Month 7 | Day 25 | Year 12 | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|--|----------------|--|--------------------|---------|---------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 024 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73863 | | | |
| 4. Generator's Phone 480-777-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | F. Transporter's Phone | | | |
| | | | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. Type | | 14. Unit Wt./Vol. | | |
| | b. | | 1 | | TR SD TON | | |
| | c. | | | | | | |
| | d. | | | | | | |
| | WM Profile # | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 854-414-3736 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 25 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month 7 | Day 25 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|-----------------------------|--|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 025 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73864 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-691-3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| G E N E R A T O R | 11. Description of Waste Materials | | 12. Containers | | 13. Total |
| | | | No. Type | | Quantity |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 1R | | 50 TON |
| | b. | | | | |
| | WM Profile # | | | | |
| | c. | | | | |
| WM Profile # | | | | | |
| d. | | | | | |
| WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell | | | |
| | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 26 |
| | | | | Year 12 | |
| T R A N S P O R T E R | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Terry Campbell | | Month 7 |
| | Printed Name | | | | Day 26 |
| | | | | | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day |
| Printed Name | | | | Year | |
| F A C I L I T Y | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | |
| | Printed Name | | Signature | | Month 7 |
| | | | | Day 26 | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|---|---|------------------------|---|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 026 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73865 | | B. State Generator's ID | | |
| 4. Generator's Phone 480-773-4866 | | 5. Transporter 1 Company Name Wentz Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | |
| 7. Transporter 2 Company Name #01 | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | E. State Transporter's ID | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. 1 | Type TR | 50 | TON | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| | WM Profile # | | | | | | | |
| TRANSPORTER | d. | | | | | | | |
| | WM Profile # | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | | | Cell | | Level | | | |
| | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MID0094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: | | | Jonathan Burton/ 864-414-3726 | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Tom Maffeo | | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | Month 7 | Day 26 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name Mike Allen | | Signature | | Month 7 Day 26 Year 12 | | | |
| | | | | | | | | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name | | Signature | | Month Day Year | | | |
| | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| Printed Name | | | Signature | | | Month 7 | Day 26 | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|---|----------------------|---|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 027 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73866 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name Trk #00 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| 15. Special Handling Instructions and Additional Information | | Cell | | Level | | | |
| | | Grid | | | | | |
| Purchase Order # M100094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month | Day | Year | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Lannie Marvin | | Signature | | Month | Day |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day |
| 19. Certificate of Final Treatment/Disposal | | I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | | Month | Day |
| | | | | | | Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR'S COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #2 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--------------------------------|---|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 028 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73867 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | D. Transporter's Phone 987.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | 41 TR | | 50 | TON | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location 04 Cell Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 854-414-3736 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Matheo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 26 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Terry Campbell II | | Month 7 | Day 26 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. Printed Name Signature 160391 Month 7 Day 26 Year 12 | | | | | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|---|--|-------|---|-------------------|-------------------|------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 029 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73868 | | | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID USD051019631 | | | |
| 7. Transporter 2 Company Name TRK #00 | | | | 8. US EPA ID Number | | D. Transporter's Phone 789.681.3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone | | | |
| | | | | | | G. State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | 1 | TR | 50 TON | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| TRANSPORTER | d. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | | | Cell | | Level | | | | |
| | | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: | | | Jonathan Burton / 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Tony Maffeo | | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | Month | Day | Year | |
| | | | | | | 7 | 26 | 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| | Printed Name Connie Marcini | | | | | | 7 | 26 | 12 |
| | | | | | | | | | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | Month | Day | Year |
| | Printed Name | | | | | | | | |
| | | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | Signature | | | Month | Day | Year | |
| | | | | | | 7 | 26 | 12 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|--------------------------|--|------------|---|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 030 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73869 | | |
| 4. Generator's Phone 480.711.4866 | | | | | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | |
| 7. Transporter 2 Company Name #01 | | | | 8. US EPA ID Number | | D. Transporter's Phone 987.681.3014 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | | |
| | | | | | | F. Transporter's Phone | | |
| | | | | | | G. State Facility ID | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | | | |
| | b. | | | | | | | |
| | c. | | | | | | | |
| | d. | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | | | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | |
| | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | | | | | | | |
| EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Tom Maffeo | | | | Signature "On behalf of" KELSEY-HAYES COMPANY [Signature] | | Month 7 | Day 26 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name Mike Allen | | Signature [Signature] | | Month 7 | Day 26 | Year 12 | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name [Signature] | | | | Signature [Signature] | | Month 7 | Day 26 | Year 12 |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | |
|--|--|--|----------------------|--|--------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 031 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73870 | | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | |
| | | | | F. Transporter's Phone | | |
| | | | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. Type | | 14. Unit Wt./Vol. | |
| | b. WM Profile # | | 1 | | TR 50 TON | |
| | c. WM Profile # | | | | | |
| | d. WM Profile # | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell | | Level | | |
| | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3735 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month Day Year 7 26 12 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature Terry Campbell | | |
| | | | | Month Day Year 7 26 12 | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | |
| | | | | Month Day Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | | |
| | | Signature | | Month Day Year | | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|---|--|--|--|---|----------------------------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 032 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73871 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Wayne Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID 05067 1019631 | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name TRK #100 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| | | | | | | | |
| | | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | |
| | Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton / 854-414-3736 | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | |
| | Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | Month 7 | Day 26 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | | |
| | Printed Name Lonnie Marvin | | Signature | | Month Day Year 7 26 12 | | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | | |
| | Printed Name | | Signature | | Month Day Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | Signature | | Month Day Year | | |
| Printed Name | | Signature | | Month Day Year | | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

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Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|---|--|--|--|--|--------------------|---|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 033 TRW | | Manifest Doc No. | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | 4. Generator's Phone 480-722-4866 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73872 | | |
| 5. Transporter 1 Company Name Worley Transport Service, Inc #01 | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | D. Transporter's Phone 789.681.3014 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | | |
| | b. | | | | | | | |
| | c. | | | | | | | |
| | d. | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | | Cell | | Level | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | |
| | Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3736 | | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| FACILITY | Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY [Signature] | | | Month 7 | Day 26 | Year 12 |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Mike Allen | | Signature [Signature] #01 | | | Month 7 | Day 26 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | Signature | | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest Printed Name | | Signature [Signature] | | | Month | Day | Year |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | |
|--|--|--|---------------------------|--|--------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 034 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-777-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73873 | | |
| 5. Transporter 1 Company Name Worsey Tree Service Inc Trk # 00 | | 6. US EPA ID Number | | C. State Transporter's ID USDC1019631 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | |
| | | | | F. Transporter's Phone | | |
| | | | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | |
| | a. | | No. Type | | 14. Unit Wt./Vol. | |
| | PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 1 TR | | 50 TON | |
| | b. | | | | | |
| | WM Profile # | | | | | |
| | c. | | | | | |
| | WM Profile # | | | | | |
| d. | | | | | | |
| WM Profile # | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | |
| | | Cell | | | | |
| | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 27 | |
| | | | | Year 12 | | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| | Printed Name Lorne Marvin | | Signature Lorne Marvin | | Month 7 | |
| | | | | | Day 27 | |
| | | | | Year 12 | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| Printed Name | | Signature | | Month | Day | |
| | | | | Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| | Printed Name | | Signature Hedrick 4875 | | Month 7 | |
| | | | | Day 27 | Year 12 | |

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NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|------|---|-------------------|-------------------|---------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 035 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4666 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73874 | | | |
| 5. Transporter 1 Company Name 5217 Winsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOF 1019631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | F. Transporter's Phone | | | |
| | | | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | | No. | Type | | | | |
| | | a. | | | | | |
| | | b. | | | | | |
| | | c. | | | | | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 | TR | 50 | TON | | |
| b. | | | | | | | |
| c. | | | | | | | |
| d. | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MI00094.0.0033 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Matfeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | Month 7 | Day 27 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name | | Signature | | | Month | Day | Year |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name ROBERT DE LONG | | Signature Robert DeLong | | | Month 7 | Day 27 | Year 12 |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | Signature | | | Month | Day | Year |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 036 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73875 | |
| 4. Generator's Phone 480-777-4866 | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | |
| | | No. Type | | 14. Unit Wt./Vol. | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | 1 TR | | 50 TON | |
| b. | | | | | |
| c. | | | | | |
| d. | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell Grid Level | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month Day Year 7 27 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name | | Signature | | Month Day Year | |

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Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|------|--|-------------------|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 037 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73876 | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number #01 | | C. State Transporter's ID US DOT 101 9631 | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | | No. | Type | | | | |
| | | 1 | TR | 50 | TON | | |
| | | | | | | | |
| | | | | | | | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | | | | | |
| b. WM Profile # | | | | | | | |
| c. WM Profile # | | | | | | | |
| d. WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 27 | Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name Mike Allen | | Signature | | Month 7 | Day 27 | Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|------|--|-------------------|---|-----------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 038 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-777-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73877 | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc 7. Transporter 2 Company Name TRK #00 | | 6. US EPA ID Number | | C. State Transporter's ID VSDOT 1019631 | | D. Transporter's Phone 789.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| | | | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | | No. | Type | | | | |
| | | 1 | TR | | | | |
| | | | | | | | |
| | | | | | | | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | | | | | |
| b. WM Profile # | | | | | | | |
| c. WM Profile # | | | | | | | |
| d. WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # M100094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY [Signature] | | Month 7 | Day 27 | Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Lonnore Marcini | | Signature [Signature] | | Month 7 | Day 27 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |
| [Signature] | | [Signature] | | 7 | 27 | 12 | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|--|-------------------|---|-----------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 039 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-777-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73878 | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name 5217 Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | | D. Transporter's Phone 989.681.3014 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | 1 | TR | | | | | |
| | | SD | TON | | | | | |
| | | | | | | | | |
| a. PCS Impacted Soil and Debris WM Profile # 110280MI | | | | | | | | |
| b. WM Profile # | | | | | | | | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location Cell _____ Level _____ Grid _____ | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES Anthony Maffeo | | | | Month 7 | Day 27 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Robert DeLong | | | | Signature Robert DeLong | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | | | Signature | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name | | Signature | | | | Month | Day | Year |
| White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | | Blue- GENERATOR #2 COPY | | Yellow- GENERATOR #1 COPY | | | | |
| Pink- FACILITY USE ONLY | | Gold- TRANSPORTER #1 COPY | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|----------------------|--|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 040 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 4. Generator's Phone 480-722-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73879 | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT1019631 | |
| 7. Transporter 2 Company Name #01 | | 8. US EPA ID Number | | D. Transporter's Phone 987.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 14. Unit Wt./Vol. |
| | b. | | 1 | TR | 50 TON |
| | c. | | | | |
| | d. | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | |
| 15. Special Handling Instructions and Additional Information | | Cell Grid Level | | | |
| Purchase Order # M100094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 27 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Mike Allen #01 | | Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month 7 | Day 27 |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | Signature | | Year 12 | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | Signature | | Month 7 | Day 27 |
| Printed Name | | Signature | | Year 12 | |
| White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|---|--|--|------|---|-------------------|--------------------|----|-----|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 041 TRW | | 2. Page 1 of 1 | | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4866 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73880 | | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USE DOT 1019631 | | | | |
| 7. Transporter 2 Company Name #04 | | 8. US EPA ID Number | | D. Transporter's Phone 987.681.3014 | | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone 734-326-0993 | | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | a. | 1 TR | | | | 50 | TON |
| | | b. | | | | | | |
| | | c. | | | | | | |
| WM Profile # 110280MI | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location Cell Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MI00094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. Printed Name TONY MAFFEO Signature "On behalf of" KELSEY-HAYES COMPANY Month 7 Day 27 Year 12 | | | | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Gilby #04 Signature Month Day Year | | | | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name Signature Month Day Year | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name Signature Month Day Year | | | | | | | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | | | | |
|--|--|--|--|---|------|---|-------------------|-------------------|--------|---------|--------|---------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 042 TRW | | 2. Page 1 of 1 | | | | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73881 | | | | | | |
| 4. Generator's Phone 480-727-4866 | | | | B. State Generator's ID | | | | | | | | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | | D. Transporter's Phone 989.681.3014 | | | | | | |
| 7. Transporter 2 Company Name TrK #00 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | | | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | | | | | | | |
| | b. | | | | | | | | | | | |
| | WM Profile # | | | | | | | | | | | |
| | c. | | | | | | | | | | | |
| | WM Profile # | | | | | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | | | | |
| | | | | Cell | | Level | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | | | | | |
| | Purchase Order # M00094-0-0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | | | |
| Printed Name Tony Maffeo | | | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | | Month 7 | Day 27 | Year 12 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Printed Name Lonnie Marvin | | | | Signature | | Month 7 | Day 27 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Printed Name | | | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | Printed Name | | | | Signature | | Month | Day | Year |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|---|--|--|--|---|--------------------|---|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 043 TRW | | Manifest Doc No. | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73882 | | |
| 4. Generator's Phone 480-772-4866 | | 5. Transporter 1 Company Name 5217 Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 191631 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | | E. State Transporter's ID | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 1. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 50 | TON | | |
| | b. | | | | | | | |
| | c. | | | | | | | |
| | d. | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| FACILITY | 15. Special Handling Instructions and Additional Information | | | | | | | |
| | Purchase Order # MID0094.0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| TRANSPORTER | Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY <i>Anthony Maffeo</i> | | | Month 7 | Day 27 | Year 12 |
| | 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name ROBERT DE LONG | | Signature <i>Robert De Long</i> | | | Month | Day | Year |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | Signature | | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. Printed Name | | Signature <i>760993</i> | | | Month 7 | Day 17 | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 044 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-272-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73885 | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. Type | | 14. Unit Wt./Vol. | |
| b. WM Profile # | | 1 12 50 TON | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell | | Level | |
| | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # MI00094 0.0023 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Matko | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month Day Year 7 30 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | |
| Printed Name | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | |
| Printed Name Terry Campbell | | | | 7 30 12 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name | | Signature | | Month Day Year | |
| | | | | 7 30 12 | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|--|----------------|--|--------------------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 045 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73886 | |
| 4. Generator's Phone 480-727-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID UK00T149631 | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| | e. | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 854-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Tony Matteo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 30 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Lennie Marovich | | Signature | | Month 7 | Day 30 | Year 12 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|--|-------------------|---|-------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 046 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73887 | | |
| 4. Generator's Phone 480-727-4866 | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name Winsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | | D. Transporter's Phone 989-681-3014 | | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | a. | 1 | TR | 50 | TON | | |
| | | b. | | | | | | |
| | | c. | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| | | Cell | | Level | | | | |
| | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Tony Maffei | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 30 | Year 12 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Gibson #5217 | | Signature | | Month | Day Year | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | | |

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Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MID053347456 047 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73888 | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. #01 | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 1019631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | |
| b. WM Profile # | | | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell | | Level | |
| | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # M100094.0-0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Tony Maffeo | | Signature "On behalf of" KELSEY-HAYES COMPANY | | Month 7 | Day 30 |
| | | | | Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| Printed Name Mike Allen | | Signature | | Month 7 | Day 30 |
| | | | | Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | |
| Printed Name | | Signature | | Month | Day |
| | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest | | | | | |
| Printed Name | | Signature | | Month | Day |
| | | | | Year | |

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Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|---|-------------------|---|-----------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 048TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73889 | | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID 220071019631 | | D. Transporter's Phone 989-681-3014 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | a. | 1 | TR | 50 | TON | | |
| | | b. | | | | | | |
| | | c. | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| | | Cell | | Level | | | | |
| | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # | | MID009400023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton / 864-414-3726 | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Chad Van Coillie | | Kelsey Hayes Company | | Month 07 | Day 30 | |
| | | | | | | Year 12 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | |
| | | | | | | Year | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | |
| | | Terry Campbell | | Terry Campbell | | Year | | |
| | | | | | | 7 | 30 | |
| 19. Certificate of Final Treatment/Disposal | | | | | | | | |
| I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | Printed Name | | Signature | | Month | Day | |
| | | | | | | Year | | |
| | | | | | | | | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|--|--|-------|--------------------|-------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MI0053347456 | | Manifest Doc No. 049TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | | |
| 4. Generator's Phone 510 771-1266 | | | | A. Manifest Number WMNA T 73890 | | | | |
| 5. Transporter 1 Company Name | | | | B. State Generator's ID | | | | |
| 6. US EPA ID Number | | | | C. State Transporter's ID USDOT 1019631 | | | | |
| 7. Transporter 2 Company Name TRK HCO | | | | D. Transporter's Phone 313 481-3014 | | | | |
| 8. US EPA ID Number | | | | E. State Transporter's ID | | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannon Rd Wayne, MI 48184 | | | | F. Transporter's Phone | | | | |
| 10. US EPA ID Number | | | | G. State Facility ID | | | | |
| | | | | H. State Facility Phone 734 325-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| | a. PCB Impacted Soil and Debris WM Profile # | | | No. | Type | | | |
| | b. 110230M | | | | | | | |
| | c. WM Profile # | | | | | | | |
| | d. WM Profile # | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | |
| | | | Cell | | Level | | | |
| | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # 110230M | | | EMERGENCY CONTACT / PHONE NO.: 313 481-3014 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Vercelle | | | Signature "On behalf of" Kelsey Hayes Company | | | Month 07 | Day 30 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name LONNIE PARRIS | | | Signature | | | Month 7 | Day 30 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name | | | Signature | | | Month | Day |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| Printed Name 761331 46.96 | | | Signature P. Seely | | | Month 7 | Day 30 | Year 12 |

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Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|---|-------------------|---|-----------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D O S 3 3 4 7 4 5 6 | | Manifest Doc No. U50 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73891 | | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name Wayne Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID U500T 101 9631 | | D. Transporter's Phone 989-681-3014 | | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | a. | | | | | | |
| | | FCB Impacted Soil and Debris | 1 | TR | 50 | TON | | |
| | | WM Profile # | | | | | | |
| | | b. | | | | | | |
| 110280MI | | | | | | | | |
| c. | | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| | | Cell | | Level | | | | |
| | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # | | MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton/ 864-414-3736 | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Chad Van Coillie | | Kelsey Hayes Company | | Month 07 | Day 30 | |
| | | | | | | Year 12 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| Printed Name Belle #5217 | | Signature | | | | Month | Day | |
| | | | | | | | Year | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| Printed Name | | Signature | | | | Month | Day | |
| | | | | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous material covered by this manifest. | | | | | | | | |
| Printed Name | | Signature | | | | Month 7 | Day 30 | |
| | | | | | | Year 12 | | |

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Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|-------------------------|--|------|---|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 051 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-712-4866 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73892 | | | |
| 5. Transporter 1 Company Name Winsey Tree Service, Inc. #01 | | | | 6. US EPA ID Number | | B. State Generator's ID | | | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | C. State Transporter's ID USDOT 101 9631 | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | D. Transporter's Phone 989-681-3014 | | | |
| | | | | | | E. State Transporter's ID | | | |
| | | | | | | F. Transporter's Phone | | | |
| | | | | | | G. State Facility ID | | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # | | | No. | Type | | | | |
| | b. 110280MI WM Profile # | | | 1 | TR | 50 | TON | | |
| | c. WM Profile # | | | | | | | | |
| | d. WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| TRANSPORTER | 15. Special Handling Instructions and Additional Information | | | Cell Grid | | | | | |
| | Purchase Order # MI00094 0.0023 | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| | Printed Name Chad Van Coillie | | | Signature "On behalf of" Kelsey Hayes Company Chad Van Coillie | | | Month 7 | Day 30 | Year 12 |
| FACILITY | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature Mike Allen #01 | | | | | |
| | Printed Name Mike Allen | | | Signature | | | Month 7 | Day 30 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | Signature Heidi 2537 | | | | | | |
| Printed Name | | | Signature | | | Month 7 | Day 30 | Year 12 | |

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Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MILD053347456 | | Manifest Doc No. US2 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73893 | |
| 4. Generator's Phone 480.722.4866 | | 5. Transporter 1 Company Name Worley Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 101 9631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989 601 3014 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734.326.0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | |
| a. PCB Impacted Soil and Debris WM Profile # 110280VII | | No. Type 1 TA SO | | TON | | I. Misc. Comments | |
| b. WM Profile # | | | | | | | |
| c. WM Profile # | | | | | | | |
| d. WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | Cell Grid | | Level | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # M100094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton / 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey Hayes Company | | Month Day Year 7 30 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature | | Month Day Year 7 30 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | 20. Facility Owner or Operator, Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | |
| | | | | | | Month Day Year 7 30 12 | |

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Pink- FACILITY USE ONLY

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|------|--|-------------------|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 053TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73894 | |
| 4. Generator's Phone 480-222-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 161 9631 | | D. Transporter's Phone 989 681 3014 | |
| 7. Transporter 2 Company Name TAK #00 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | | No. | Type | | | | |
| | | 1 | TR | | | | |
| | | 50 | TON | | | | |
| | | | | | | | |
| a. PCB Impacted Soil and Debris WM Profile # | | | | | | | |
| b. 110280MI WM Profile # | | | | | | | |
| c. WM Profile # | | | | | | | |
| d. WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # | | MI00094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | Jonathan Burton / 864-414-3726 | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey Hayes Company | | Month 07 | | Day 30 | |
| | | | | Year 12 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Lonnie Marvin | | Signature Lonnie Marvin | | Month 7 | |
| | | | | | | Day 30 | |
| | | | | | | Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | |
| | | | | | | Day | |
| | | | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | Signature | | Month | | Day | |
| | | | | Year | | | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|--|---|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. MI0053347456 054TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73895 | |
| 5. Transporter 1 Company Name Wonsey Tree Service, Inc. | | 6. US EPA ID Number | | B. State Generator's ID | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | C. State Transporter's ID USDOT MI 96 31 | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | D. Transporter's Phone 989 601 3014 | |
| | | | | E. State Transporter's ID | |
| | | | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | |
| a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. Type 1 TR | | 50 TON | |
| b. WM Profile # | | | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | |
| | | Cell | | | |
| | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # MI00094 0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 854-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Chad Van Cotte | | Signature "On behalf of" Chad Van Cotte | | Kelsey Hayes Company | |
| | | | | Month Day Year 07 30 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | |
| Printed Name Siller #5217 | | Signature | | Month Day Year | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | |
| Printed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest | | | | | |
| Printed Name | | Signature | | Month Day Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|---|---|------|---|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 055TEW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73896 | | | |
| 4. Generator's Phone 480-772-4866 | | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name Windsor Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 101 9631 | | D. Transporter's Phone 989-681-3014 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | 50 | TON | | |
| | b. | | | | | | | | |
| | c. | | | | | | | | |
| | d. | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| | 15. Special Handling Instructions and Additional Information | | | | | | | | |
| | Purchase Order # M100094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | | Signature "On behalf of" Kelsey Hayes Company | | | Month 7 | Day 31 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name Terry Campbell | | | Signature | | | Month 7 | Day 31 | Year 12 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name | | | Signature | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | | | |
| Printed Name | | | Signature | | | Month | Day | Year | |
| White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Pink- FACILITY USE ONLY Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY Yellow- GENERATOR #1 COPY | | | | | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|----------------|---|--------------------|---|--------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347455 | | Manifest Doc No. 056 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73897 | | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number #5217 | | C. State Transporter's ID US DOT 101 9631 | | D. Transporter's Phone 984 681 3014 | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5000 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-316-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 1 | TR | 50 TON | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| | WM Profile # | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | | K. Disposal Location | | | | |
| | | | | Cell | | Level | | |
| | | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # 00000000023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Bustin / 063 414-3735 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Coillie | | | | Signature "On behalf of" Kelsey Hayes Company Chad Van Coillie | | Month 08 | Day 01 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name Gillay #5217 | | Signature | | Month 08 | Day 01 | Year 12 | |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year | |
| ACCEPTED BY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | |
| Printed Name | | | | Signature 162110 4153 | | Month 08 | Day 01 | Year 12 |

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Pink - FACILITY USE ONLY

Blue - GENERATOR #2 COPY

Gold - TRANSPORTER #1 COPY

Yellow - GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-----------------------------|--|--------------------------|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 057 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73898 | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 101 9631 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 789 681 3041 | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | |
| | | | | No. Type | | 14. Unit Wt./Vol. | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | 1 | | 72 50 TON | |
| | b. | | | | | | |
| | c. | | | | | | |
| | d. | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black. Odor: No. Physical State: Solid | | | | K. Disposal Location | | | |
| | | | | Cell | | Level | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # 1A06094 00033 | | | | EMERGENCY CONTACT / PHONE NO.: 1-800-441-7777 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Chad Van Cullie | | | | Signature "On behalf of" Kelsey Hayes Company Chad Van Cullie | | Month Day Year 08 01 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Terry Campbell | | Signature Terry Campbell | | Month Day Year 8 1 12 | | |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | Signature | | Month Day Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | Printed Name | | Signature | | Month Day Year | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | | Month Day Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|-----------|--|-------|--|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053317456 | | Manifest Doc No. 058 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48361 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48361 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73899 | | | |
| 4. Generator's Phone 420-711-1866 | | 5. Transporter 1 Company Name Worsey Free Service Inc #5217 | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 101 9631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989 681 3014 | | E. State Transporter's ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280M1 | | | No. | Type | | | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| d. | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | | K. Disposal Location | | | | | |
| | | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # 0000000000023 | | | | EMERGENCY CONTACT / PHONE NO.: Josephine Burlew / 561-414 3775 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | | | Signature "On behalf of" Kelsey Hayes Company | | | Month 08 | Day 01 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name Giller #5217 | | Signature | | Month | Day | Year | | |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non hazardous materials covered by this manifest | | | | | | | | |
| Printed Name | | | | Signature | | Month | Day | Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|--|---|------|--|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 059 TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73900 | | B. State Generator's ID | | | |
| 4. Generator's Phone 480-722-1866 | | 5. Transporter 1 Company Name Worsey Free Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 101 9631 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone 989 681 3014 | | E. State Transporter's ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | 50 | TON | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| TRANSPORTER | J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | K. Disposal Location | | | | | |
| | | | | Cell | | | Level | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # 000004 00013 EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 854 414 1716 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad VanCoillie | | | | Signature "On behalf of" Kelsey Hayes Company Chad VanCoillie | | | Month 8 | Day 2 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Signature Terry Campbell | | | Month 8 | Day 2 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Signature | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest | | | | | |
| Printed Name | | | | Signature 7675814309 | | | Month 8 | Day 2 | Year 12 |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|------------------------------|--|--------------------|---|-------------------|--|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 060TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 4. Generator's Phone 480-777-4866 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73901 | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 191 9631 | | D. Transporter's Phone 989 681 3014 | | | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280M1 | | No. | Type | 50 | TON | | | |
| | b. | | | | | | | | |
| | c. | | | | | | | | |
| | d. | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | | |
| | | Cell | | Level | | | | | |
| | | Grid | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # 44000040013 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Orsini / 261-414-3785 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Chad Van Coillie | | Kelsey Hayes Company | | Month 08 | Day 02 | Year 12 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Gillay #5217 | | Signature | | Month 08 | Day 02 | Year 12 |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | Day | Year |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | Signature | | Month | Day | Year |
| White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Pink- FACILITY USE ONLY | | | | | | | | Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|---|-------------------|---|-----------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053317456 | | Manifest Doc No. 061 TBW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 4. Generator's Phone 480-722-4860 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73902 | | B. State Generator's ID | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID USDOT 101 9631 | | D. Transporter's Phone 989 681 3014 | | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | |
| 11. Description of Waste Materials a. PCB Impacted Soil and Debris WM Profile # 110280MI b. WM Profile # c. WM Profile # d. WM Profile # | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | 1 | TR | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| | | Cell | | Level | | | | |
| | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # M0009400923 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3735 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Cottle | | Signature "On behalf of" Chad Van Cottle | | Kelsey Hayes Company | | Month 08 | Day 03 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name G. L. #5217 | | Signature | | | | Month 8 | Day 03 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | Signature | | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| Printed Name 763027 50.04 | | Signature P. B... | | | | Month 8 | Day 3 | Year 12 |

GENERATOR

TRANSPORTER

FACILITY

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Pink- FACILITY USE ONLY

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|------|--|----------------------|---|--|----|-----|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347156 | | Manifest Doc No. 062TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73903 | | | |
| 4. Generator's Phone 280-722-4866 | | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 101 9631 | | D. Transporter's Phone 989 681 3014 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5300 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-316-0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | | |
| | | No. | Type | | | | | | |
| | | a. | 1 TA | | | | | 50 | TON |
| | | b. | | | | | | | |
| | | c. | | | | | | | |
| WM Profile # | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | | |
| | | Cell | | Level | | | | | |
| | | Grid | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # 7800940023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Gulev / 866-814-3270 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey Hayes Company Chad Van Coillie | | Month 08 | | Day 03 | | | |
| | | | | Year 12 | | | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Terry Campbell | | Signature Terry Campbell | | Month 8 | | | |
| | | | | | | Day 3 | | | |
| | | | | | | Year 12 | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month Day Year | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous material covered by this manifest. | | | | | | | | | |
| Printed Name 763204 52.11 | | Signature P. Dwyer | | Month 8 | | Day 3 | | | |
| | | | | Year 12 | | | | | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|--|--|-----------------------------|---|-------------|--|-------------------|-------------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. 063TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73904 | | B. State Generator's ID | | | |
| 4. Generator's Phone 480-722-4666 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 101 9631 | | | |
| 7. Transporter 2 Company Name #01 | | 8. US EPA ID Number | | D. Transporter's Phone 989 681 3014 | | E. State Transporter's ID | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | | No. | Type | 50 | TON | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | | | K. Disposal Location | | | | | |
| | | | | Cell | | Level | | | |
| | | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # 110003100011 EMERGENCY CONTACT / PHONE NO.: 1-800-451-5735 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Chad Van Coillie | | | | Signature "On behalf of" Kelsey Hayes Company Chad Van Coillie | | | Month 08 | Day 03 | Year 12 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | | |
| | Printed Name Mike Allen | | Signature Mike Allen #01 | | Month 08 | Day 03 | Year 12 | | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | | | |
| TREATMENT, STORAGE, DISPOSAL FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest | | | | | | | | |
| | Printed Name 16325150.23 | | Signature P. Bee | | | Month 8 | Day 3 | Year 12 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|------|---|-------------------|---|-----------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. 064 TRW | | 2. Page 1 of 1 | | |
| 3. Generator's Mailing Address: KELSEY HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T 73905 | | |
| 4. Generator's Phone 480-777-4866 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | 6. US EPA ID Number | | B. State Generator's ID | | |
| 7. Transporter 2 Company Name #5217 | | 8. US EPA ID Number | | C. State Transporter's ID US DOT MI 9631 | | D. Transporter's Phone 989 681 3814 | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5000 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | |
| | | | | G. State Facility ID | | H. State Facility Phone 734-316-0993 | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | | No. | Type | | | | | |
| | | 1 | TR | 50 | TON | | | |
| | | | | | | | | |
| | | | | | | | | |
| a. PCS Impacted Soil and Debris WM Profile # 110280M1 | | | | | | | | |
| b. WM Profile # | | | | | | | | |
| c. WM Profile # | | | | | | | | |
| d. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | |
| | | Cell | | Level | | | | |
| | | Grid | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # 00000000000000000000 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Sutton / 854 418 3726 | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey Hayes Company Chad Van Coillie | | | | Month 08 | Day 03 | Year 12 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Sully 5217# | | | | Signature | | |
| | | | | | | Month 8 | Day 03 | Year 12 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | | | Signature | | |
| | | | | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | | |
| Printed Name 1633546032 | | Signature P. Dwyer | | | | Month 8 | Day 03 | Year 12 |

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NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|--|--|------------------|
| 1. Generator's US EPA ID No. MD05334745065 TRW | | Manifest Doc No. 1 | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: Kelsy-HAYES MILFORD PLANT 101 OAK MILFORD MI 48381 | | Generator's Site Address (if different than mailing): Kelsy-HAYES MILFORD PLANT 101 OAK MILFORD MI 48381 OAKLAND | | A. Manifest Number WMNA T 68062 | |
| 4. Generator's Phone 480-722-4866 | | B. State Generator's ID | | C. State Transporter's ID US DOT 1019631 | |
| 5. Transporter 1 Company Name WONSEN #01 | | 6. US EPA ID Number | | D. Transporter's Phone 989.681.3014 | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address: WOODLAND MEADOWS Rd F 5900 HANNAH Rd WAYNE MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | |
| 11. Description of Waste Materials: a. 110380 MF PCB IMPACTED SOIL & DEBRIS WM Profile # | | 12. Containers No. Type 1 TR | | 13. Total Quantity 50 | |
| b. WM Profile # | | 14. Unit Ton | | 15. Misc. Comments | |
| c. WM Profile # | | 16. Disposal Location | | Cell: Level: | |
| d. WM Profile # | | Grid: | | | |
| J. Additional Descriptions for Materials Listed Above COLOR BROWN/BLACK ODOR NO PHYSICAL STATE SOLID | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # ME00094.0,0023 EMERGENCY CONTACT / PHONE NO.: JOHNATHAN BARTON 864-404-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Chad VanCollie | | Signature "On behalf of" Kelsy Hayes Company Chad VanCollie | | Month 08 | Day 17 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Mike Allen | | Month 8 | Day 17 |
| Printed Name MIKE ALLEN | | Signature MIKE ALLEN | | Month 8 | Day 17 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature MIKE ALLEN | | Month 8 | Day 17 |
| Printed Name MIKE ALLEN | | Signature MIKE ALLEN | | Month 8 | Day 17 |
| 19. Certificate of Final Treatment/Disposal: I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name 768244 | | Signature 768244 | | Month 8 | Day 17 |

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NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|------|---|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. 066TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 68064 | |
| 4. Generator's Phone 248-713-1665 | | 5. Transporter 1 Company Name | | C. State Transporter's ID US DOT 1019631 | |
| 7. Transporter 2 Company Name #01 | | 6. US EPA ID Number | | D. Transporter's Phone 989 681 3014 | |
| 9. Designated Facility Name and Site Address Verallard Machine PDI 5900 Harmon Rd Wayne, MI 48184 | | 8. US EPA ID Number | | E. State Transporter's ID | |
| | | 10. US EPA ID Number | | F. Transporter's Phone | |
| | | | | G. State Facility ID | |
| | | | | H. State Facility Phone | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | | No. | Type | | |
| a. PCB Impacted Soil and Debris WM Profile # | | 1 | TR | 50 | TON |
| b. 110280MI WM Profile # | | | | | |
| c. WM Profile # | | | | | |
| d. WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | |
| Color: Brown/Black. Odor: No. Physical State: Solid. | | Cell: Grid: Level: | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # 44100240.0013 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Sartori - 864-414-3725 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Chad Van Coillie | | Signature "On behalf of" Kelsey Hayes Company | | Month 08 | Day 17 |
| | | | | Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Mike Allen | | Signature [Signature] #01 | |
| | | | | Month 8 | Day 17 |
| | | | | Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | |
| | | | | Month | Day |
| | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name 688845179 | | Signature [Signature] | | Month 8 | Day 17 |
| | | | | Year 12 | |

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NON-HAZARDOUS MANIFEST

| | | | | | |
|--|--|--|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. Manifest Doc No. 067 TRW | | 2. Page 1 of 1 | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 68065 | |
| 4. Generator's Phone | | 5. Transporter 1 Company Name | | B. State Generator's ID | |
| 7. Transporter 2 Company Name #01 | | 6. US EPA ID Number | | C. State Transporter's ID US DOT 1019 631 | |
| 9. Designated Facility Name and Site Address: White Flint Manufacturing (PDP) 5600 Highway Rd Wayne, MI 48184 | | 8. US EPA ID Number | | D. Transporter's Phone 982.681.3619 | |
| 11. Description of Waste Materials | | 10. US EPA ID Number | | E. State Transporter's ID | |
| a. FCM Connected Coil and Details | | 12. Containers | | F. Transporter's Phone | |
| WM Profile # 110280MI | | No. Type | | G. State Facility ID | |
| b. 110280MI | | 13. Total Quantity | | H. State Facility Phone 734.375.0001 | |
| WM Profile # | | 14. Unit Wt./Vol. | | | |
| c. 110280MI | | 1. Misc. Comments | | | |
| WM Profile # | | | | | |
| d. 110280MI | | | | | |
| WM Profile # | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | |
| Cell | | Level | | | |
| Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | |
| Purchase Order # 50-0031 0.0011 EMERGENCY CONTACT / PHONE NO. Jonathan Burton 854-411-3226 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | |
| Printed Name Chad Van Caille | | Signature Chad Van Caille | | Month 08 Day 17 Year 12 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Mike Allen | | Month 8 Day 17 Year 12 | |
| Printed Name Mike Allen | | Signature Mike Allen | | Month 8 Day 17 Year 12 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Month Day Year | |
| Printed Name | | Signature | | Month Day Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | |
| Printed Name 769024 52.72 | | Signature P. Bell | | Month 8 Day 17 Year 12 | |

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Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | | |
|--|---|--|---------------------------|--|--------------------|--------------------------------------|-------------------|------------|------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. TI TRW | | 2. Page 1 of 1 | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 | | 4. Generator's Phone 480-777-4866 | | Generator's Site Address (If different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFROD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T 73914 | | | |
| 5. Transporter 1 Company Name Kessa Contracting LLC 5787 Stadium Dr. Kalamazoo MI 49007 | | 6. US EPA ID Number MEX-768-683-127 | | C. State Transporter's ID | | D. Transporter's Phone | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | G. State Facility ID | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | | | | | |
| | b. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | c. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| d. | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | | | |
| | | Cell | | Level | | | | | |
| | | Grid | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | |
| Printed Name Tom McEwen | | Signature "On behalf of" KELSEY-HAYES COMPANY | | | | Month 7 | Day 26 | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature James A Hale | | | | Month 7 | Day 26 | Year 13 |
| | Printed Name JAMES A HALE | | Signature | | | | Month | Day | Year |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | | | Month | Day | Year |
| | Printed Name | | Signature | | | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above-listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Signature 7600404 | | | | Month 7 | Day 26 | Year 12 | |
| Printed Name | | Signature | | | | Month | Day | Year | |
| Write- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY Pink- FACILITY USE ONLY | | | | | | | | | |

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0038

| | | | | | | | | |
|---|---|--|----------------------------------|---|---|-----------------------------------|-------------------|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 838-3875 | 4. Manifest Tracking Number 009042423 JJK | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| 6. Generator's Phone: (480) 722-4375 | | | | U.S. EPA ID Number MID 000 263 871 | | | | |
| 7. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | | U.S. EPA ID Number | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 090 633 | | | | |
| Facility's Phone: (800) 582-5489 | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | 10. Containers No. Type | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | X | UN3432, Polychlorinated biphenyls, solid, 9, PCB, ERG #171 | | 001 cm | | 50 | T | PCB1 |
| | X | UN3432, Polychlorinated biphenyls, solid, 9, PCB, ERG #171 | | | | | | PCB1 |
| | | 3. | | | | | | |
| | | 4. | | | | | | |
| 14. Special Handling Instructions and Additional Information G125014WD1 / PCB SOIL 2-G125014WD1 / PCB SOIL Storage Start Date - 7-16-12 Containers 10** 07/16/12 | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that this waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMTHAUS FOR KELSEY-HAYES, INC | | | | | | | | |
| Signature <i>Glenn Amthaus</i> Month Day Year 6/7/16/12 | | | | | | | | |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: | | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | |
| TRANSPORTER | Transporter 1 Printed/Typed Name Kevin DeBault | | | Signature <i>Kevin DeBault</i> | | Month Day Year 07/16/12 | | |
| | Transporter 2 Printed/Typed Name | | | Signature | | Month Day Year | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| | Manifest Reference Number: | | | | | | | |
| | 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | | | | |
| Facility's Phone: | | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | |
| 1. PCB | | 2. PCB | | 3. | | 4. | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | | |
| Printed/Typed Name Jacob Wilson | | | Signature <i>Jacob Wilson</i> | | Month Day Year 7/16/12 | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S. 12
and specified on Manifest # 009042923 JJK, Line Item 1 has been landfilled on
July 16, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.
(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mel White



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.


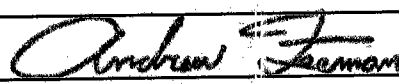

2/22/11

Invoice: 40396956

Receipt 03-00 1219083

Cod COD #2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

| | | | | | | | |
|--|--|--|--|---|---|-------------------|----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042424 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | | U.S. EPA ID Number MID 000 263 871 | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | | | No. | Type | | | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | cm | 23000 50 | K T | PCB1 |
| | X | 2. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | | | | PCB1 |
| | | 3. | | | | | |
| | | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL 2. G125014WDI / PCB SOIL | | | | | | | |
| Storage Shelf Date - 7-16-12 Container ID - 201-100/201-000 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMTHAUS FOR KELSEY HAYES/HRW | | | | | Signature  | | Month Day Year 7 16 12 |
| INT'L | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. | | Port of entry/exit: Date leaving U.S.: | | | | |
| | Transporter signature (for exports only): | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | Signature | | Month Day Year | | |
| | Transporter 1 Printed/Typed Name ANDREW FEEMAN | |  | | 7 16 12 | | |
| | Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Actual weight 39,618 kg or per Jonathan Burton's analysis 7/19/12 JV | | | | | | |
| | 18b. Alternate Facility (or Generator) | | | | | | |
| | Facility's Phone: | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | | 2. PCB | | 3. | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | |
| Printed/Typed Name Josh Heath | | | | | Signature  | | Month Day Year 10 7 12 |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLJ
and specified on Manifest # 009042424 JJK, Line Item 1 has been landfilled on
July 16, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mark Wilson



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | | |
|--|--|--|--------------------------|---|---|-------------------------------------|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042428 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | | U.S. EPA ID Number MID 000 263 871 | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | | | No. | Type | | | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 1 | CM | 50 | T | PCB1 |
| | X | 2. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | | | | PCB1 |
| | | | | | | | |
| | 3. | | | | | | |
| | 4. | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL 2. G125014WDI / PCB SOIL | | | | | | | |
| Storage Start Date - 7-16-12 Unique Container ID # 201-100 / 201-200 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Offeror's Printed/Typed Name GLENNAMHAUS FOR KELSEY HAYES /TRW | | | | Signature <i>[Signature]</i> | | Month Day Year 2 07 16 12 | |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| | Transporter signature (for exports only): _____ | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| | Transporter 1 Printed/Typed Name ANDREW FREEMAN | | | | Signature <i>[Signature]</i> | | Month Day Year 07 16 12 |
| | Transporter 2 Printed/Typed Name | | | | Signature | | Month Day Year |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Actual weight 39,090 kg OK per Jonathan Butner @ Amadis 7/19/12 JV | | | | | | |
| | 18b. Alternate Facility (or Generator) | | | | U.S. EPA ID Number | | |
| | Facility's Phone: | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year |
| | 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| | 1. PCB | | 2. PCB | | 3. | | 4. |
| | 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| | Printed/Typed Name TAMIA COLLARD | | | | Signature <i>[Signature]</i> | | Month Day Year 07 16 12 |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as 009042428 JJK
 and specified on Manifest # 009042428 JJK, Line Item 1 has been landfilled on
July 16, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mark Walker



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | | | |
|--|--|--|---|--|---|-----------------|---|------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042430 JJK | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | |
| Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MID 000 263 871 | | | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | U.S. EPA ID Number | | | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
| | | No. | Type | | | | | |
| | | X | 1UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | cm | 2277 | K | PCB1 |
| | | X | 2UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | | | | PCB1 |
| | | 3. | | | | | | |
| 4. | | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL 2. G125014WDI / PCB SOIL Storage Half Date - 2-6-12 Container ID - 07A/0909 | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMHAUS FOR KELSEY HAYES TRW | | | Signature <i>[Signature]</i> | | Month Day Year 07/16/12 | | | |
| INT'L | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. | | Port of entry/exit: Date leaving U.S.: | | | | | |
| | Transporter signature (for exports only): | | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | Signature | | Month Day Year | | | |
| | Transporter 1 Printed/Typed Name Kevin DeBort | | <i>[Signature]</i> | | 07/16/12 | | | |
| DESIGNATED FACILITY | Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | | |
| | | | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | | |
| | 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| | Actual weight 46,072 kg or per Jonathan Burton Canadis | | | | | | | |
| | 18b. Alternate Facility (or Generator) | | Manifest Reference Number | | U.S. EPA ID Number | | | |
| | | | | | | | | |
| Facility's Phone: | | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | Month Day Year | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | |
| 1. PCB | | 2. PCB | | 3. | | 4. | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | | |
| Printed/Typed Name Josh Heath | | | Signature <i>[Signature]</i> | | Month Day Year 07/16/12 | | | |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid
 and specified on Manifest # 009042430 JK, Line Item 1 has been landfilled on
7/16/2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [Signature]



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | |
|--|--|--|---|--|---|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042437 JJK | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MIO 000 263 871 | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | U.S. EPA ID Number | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 002 | CM | 23,000 | K | PCB1 |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G126014WDI / PCB SOIL Container I.D. # 201-100 & #201-200 7-17-12 | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Offoror's Printed/Typed Name CHRIS ARRA | | Signature <i>Chris Arra</i> | | Month Day Year 7 17 12 | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name ANDREW FEEMAN | | Signature <i>Andrew Feeman</i> | | Month Day Year 7 17 12 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| Actual weight 45,818 kg ok per Jonathan Burtin & Associates | | | | | | |
| 18b. Alternate Facility (or Generator) _____ Manifest Reference Number _____ U.S. EPA ID Number _____ | | | | | | |
| Facility's Phone: _____ | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| Printed/Typed Name Jacob Wilson | | Signature <i>Jacob Wilson</i> | | Month Day Year 7 17 12 | | |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLD
 and specified on Manifest # 00904 2937 JK, Line Item 1 has been landfilled on
July 17, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mark White



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | | |
|--|--|--|--------------------------|---|---|-----------------------------------|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 458 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042441 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| Generator's Phone: (480) 722-4375 | | | | U.S. EPA ID Number MID 000 263 871 | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | | U.S. EPA ID Number | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 090 833 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | | | No. | Type | | | |
| | X | UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 01 | cm | 23,000 | kg | PC81 |
| | | | | | | | |
| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL Cons Storage Start Date: 7-17-12 Container ID # - 0709/089 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Offoror's Printed/Typed Name CHRIS ARAI | | | | Signature <i>Chris Arai</i> | | Month Day Year 07 17 12 | |
| INT'L | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| | Transporter signature (for exports only): _____ | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| | Transporter 1 Printed/Typed Name Kevin DeBock | | | | Signature <i>Kevin DeBock</i> | | Month Day Year 07 17 12 |
| DESIGNATED FACILITY | Transporter 2 Printed/Typed Name | | | | Signature | | Month Day Year |
| | | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Actual weight 45,145 kg per Jonathan Burton & Arcadis 7/19/12 JV | | | | | | |
| | 18b. Alternate Facility (or Generator) | | | | Manifest Reference Number GARCADIS | | |
| | Facility's Phone: | | | | U.S. EPA ID Number | | |
| DESIGNATED FACILITY | 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year |
| | | | | | | | |
| | 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| | 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | |
| Printed/Typed Name Timothy Coulson | | | | Signature <i>Timothy Coulson</i> | | Month Day Year 07 17 12 | |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB solid
 and specified on Manifest # 009042741 JJK, Line Item 1 has been landfilled on
July 17, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mark Wilson

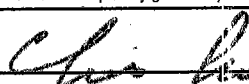
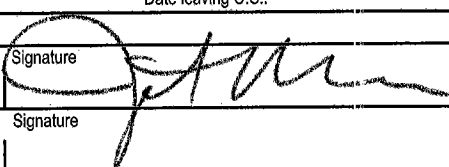
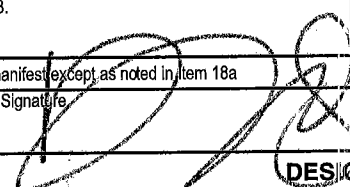


THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

156560

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | | | | |
|--|---|--|----------------|--------------------------|--------------------|---|---|---|----------------------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | | 2. Page 1 of 1 | | 3. Emergency Response Phone (800) 839-3975 | | 4. Manifest Tracking Number 009042495 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | U.S. EPA ID Number MID 186804399 | | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES S&C Transport | | | | | | U.S. EPA ID Number MI 0329202874 | | | | |
| 7. Transporter 2 Company Name | | | | | | U.S. EPA ID Number | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | | | U.S. EPA ID Number MID 048 090 633 | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | | |
| | | | No. | Type | | | | | | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 1 | HAZ DI | 4500 KG | KG | PCB1 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL ID# 1216/1217 date - 7/24/12 | | | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | | | |
| Generator's/Offeror's Printed/Typed Name CHRIS ARAI | | | | | | Signature  | | Month Day Year 7 24 12 | | |
| INT'L | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | | | |
| | Transporter signature (for exports only): _____ | | | | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | | | |
| | Transporter 1 Printed/Typed Name JACK MORRIS | | | | | | Signature  | | Month Day Year 7 24 12 | |
| DESIGNATED FACILITY | Transporter 2 Printed/Typed Name | | | | | | Signature | | Month Day Year | |
| | 18. Discrepancy | | | | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | | | |
| | added pcb info per Jonathon Burton@Arcadis- TC/KS 7/24/12 | | | | | | | | | |
| | 18b. Alternate Facility (or Generator) | | | | | | Manifest Reference Number: _____ U.S. EPA ID Number _____ | | | |
| Facility's Phone: _____ | | | | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | | | | | | |
| Month Day Year | | | | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | | | |
| 1. PCB | | | 2. | | | 3. | | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | | | | |
| Printed/Typed Name Kenya Coward | | | | | | Signature  | | Month Day Year 7 24 12 | | |

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLU
 and specified on Manifest # 009042995 JJK, Line Item 1 has been landfilled on
July 24, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

160240

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | | |
|--|--|--|---|--|---|-----------------------------------|-----------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009042496 JJK | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES S:c Transport | | | U.S. EPA ID Number MID 186804399 | | | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | |
| | | | No. | Type | | | | |
| | X 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | 1 | TR | 45,000 | KG | PCB1 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014W01 / PCB SOIL Container ID: 216-217 date - 7/24/12 | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMTHAUS FOR KELSEY HAYES/TRW | | | Signature <i>[Signature]</i> | | | Month Day Year 07/24/12 | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____ | | | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | | |
| Transporter 1 Printed/Typed Name Jack Morris | | | Signature <i>[Signature]</i> | | | Month Day Year 7/24/12 | | |
| Transporter 2 Printed/Typed Name | | | Signature | | | Month Day Year | | |
| 18. Discrepancy | | | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection added pcb info per Jonathan Burton - TC/KS 7/24/12 | | | | | | | | |
| 18b. Alternate Facility (or Generator) | | | | | | U.S. EPA ID Number | | |
| Facility's Phone: | | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | |
| 1. PCB | | | 2. | | 3. | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | | |
| Printed/Typed Name Jacob Wilson | | | Signature <i>[Signature]</i> | | | Month Day Year 7/24/12 | | |

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

PCB Solid

and specified on Manifest # 009042496 JJK, Line Item 1 has been landfilled on

7/24/2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

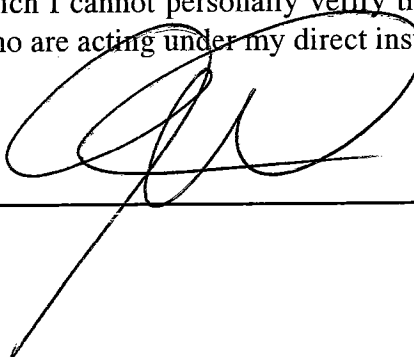
49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

PCB SLD

and specified on Manifest # 009046600 JIK, Line Item 1 has been landfilled on

August 3, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

Mark Weber



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | |
|--|--|--|---|--|---|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone (800) 839-3975 | 4. Manifest Tracking Number 009046601 JJK | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MID 000 263 871 | | | |
| 6. Transporter 1 Company Name EQ INDUSTRIAL SERVICES | | | U.S. EPA ID Number | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. Type | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | cm | 26,000 | Kg | PCB1 |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL / Container start date: 8-3-12 Unique contains ID: 0709/0909 | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Offor's Printed/Typed Name GLENN AMHAUS FOR KELSEY HAYES /TRW | | | Signature <i>[Signature]</i> | | Month Day Year 08 03 12 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name Kevin DeBoate | | | Signature <i>[Signature]</i> | | Month Day Year 08 03 12 | |
| Transporter 2 Printed/Typed Name | | | Signature | | Month Day Year | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| Actual weight 39,754 kg ok per Chad Vancouver @ Arcadis 8/9/12 JV | | | | | | |
| 18b. Alternate Facility (or Generator) | | | Manifest Reference Number: _____ U.S. EPA ID Number | | | |
| Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | Month Day Year | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| Printed/Typed Name Mark Wink | | | Signature <i>[Signature]</i> | | Month Day Year 8 3 12 | |

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLJ
and specified on Manifest # 009046601 JJK, Line Item 1 has been landfilled on
August 3, 2012 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: Mark Welch



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

| | | | | | | |
|--|---|--|--|---|--|-------------------|
| HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number M I D 0 5 3 3 4 7 4 5 6 | 2. Page 1 of 1 | 3. Emergency Response Phone (734) 437-9677 | 4. Manifest Tracking Number 004669517 FLE | |
| 5. Generator's Name and Mailing Address Kelsey-Hayes Company, Milford 25200 Telegraph Road Southfield, MI 48034 Generator's Phone: 248 936-8714 Attn: John McInnis | | | Generator's Site Address (if different than mailing address) Kelsey-Hayes: Milford Plant 101 Oak Street Milford, MI 48381 | | | |
| 6. Transporter 1 Company Name Environmental Recycling Group | | | U.S. EPA ID Number M I D 0 5 9 9 1 2 9 5 6 | | | |
| 7. Transporter 2 Company Name Environmental Recycling | | | U.S. EPA ID Number OHR000340025 | | | |
| 8. Designated Facility Name and Site Address Environmental Recycling 527 East Woodland Circle, P.O. Box 167 Bowling Green, OH 43402 Facility's Phone: (800) 284-9107 | | | U.S. EPA ID Number O H R 0 0 0 0 3 4 0 2 5 | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. Type | | 11. Total Quantity | 12. Unit Wt./Vol. |
| | | 1. Non Hazardous Liquid (Remediation Waste) | 001 | TT | 171 | G |
| | | 2. | | | | |
| | | 3. | | | | |
| | | 4. | | | | |
| 13. Waste Codes 029L | | | | | | |
| 14. Special Handling Instructions and Additional Information 1: Approval # PCB110712-01 (Remediation Waste) 2: 3: 4: | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month Day Year 11/26/12 | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____ | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | |
| | Transporter 1 Printed/Typed Name Rick Smith | | Signature <i>Rick Smith</i> | | Month Day Year 11/26/12 | |
| DESIGNATED FACILITY | Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | |
| | 18. Discrepancy | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | |
| | Manifest Reference Number: | | | | | |
| | 18b. Alternate Facility (or Generator) | | U.S. EPA ID Number | | | |
| Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | | |
| Month Day Year | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| Printed/Typed Name Matt Zachary | | Signature <i>Matt Zachary</i> | | Month Day Year 11/26/12 | | |



ERG ENVIRONMENTAL SERVICES

527 East Woodland Circle • Bowling Green, Ohio 43402
419.354.6110 • FAX 419.354.5110 • www.ERGenvironmental.com

ACKNOWLEDGEMENT OF RECEIPT

KELSEY-HAYES - MILFORD PLANT

TO: JOHN MCINNIS

FAX #

CERTIFICATE NUMBER 37864

MANIFEST NUMBER 82741 / 004669517FLE

SITE ID # 8740

CUSTOMER ID # 396

DATE RECEIVED 11/26/2012

PCB MATERIAL REPORTED IN POUNDS

PCB BALLASTS - RECYCLE 0

TRANSFORMERS <50-RECYCLE: 0

PCB BALLASTS - LANDFILL 0

TRANSFORMERS -50-500 LANDFILL 0

PCB BALLAST INCINERATION 0

TRANSFORMERS -50-500 RECYCLE 0

NON PCB BALLASTS - RECYCLE 0

TRANSFORMERS >500-RECYCLE 0

TRANSFORMERS >500-LANDFILL: 0

NON PCB DEBRIS 0

PCB CAPACITORS -DISPOSAL 0

PCB SOLIDS-LANDFILL: 0

CAPACITORS-INCINERATION: 0

PCB SOLIDS -BULK: 0

NON PCB CAPACITORS 0

PCB SOLIDS-INCINERATION: 0

PCB OIL < 50: 0

PCB OIL > 50: 0

OTHER
PCB

171 GALLONS OF WATER

OTHER

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.J
 and specified on Manifest # 012045508 JJK, Line Item 1 has been landfilled on
Oct 16, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

5/55135

| | | | | | | | |
|---|--|--|---|--|---|-----------------------------------|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 458 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045508 JJK | | |
| 5. Generator's Name and Mailing Address KEI SEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-84 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 060 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | Type | 11. Total Quantity | 12. Unit WL/Vol. | 13. Waste Codes |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | DT | 45359 | K | PCB1 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G128014WD1 / PCB SOIL | | | | | | | |
| STORAGE START DATE: 10-15-13 UNIQUE CONTAINER ID: # 516 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMHAAS FORKESEY HAYES / TRW | | | | Signature <i>[Signature]</i> | | Month Day Year 10/16/13 | |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Roger Landers Signature: <i>[Signature]</i> Month Day Year: 10/16/13 Transporter 2 Printed/Typed Name: Signature: Month Day Year: | | | | | | |
| TRANSPORTER | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Actual weight 38709 kg OK per Jonathan Burton w/ Arcadis SC 10117113 | | | | | | |
| | 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number: | | | | | | |
| DESIGNATED FACILITY | Facility's Phone: | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year |
| | 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| | 1. PCB | 2. | 3. | 4. | | | |
| | 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| | Printed/Typed Name David Tornacki | | | | Signature <i>[Signature]</i> | | Month Day Year 10/16/13 |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.W.
and specified on Manifest # 012045509 J112, Line Item 1 has been landfilled on
Oct 17, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

ru wh

Invoice: 40489503

Receipt 03-00 1234410

Cod COD #3

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

5:0135

| | | | | | | |
|---|--|--|---|-----------------------------|---|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 063 347 458 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045509 JJK | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| 6. Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 7. Transporter 1 Company Name S & C Transport | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 562-5489 | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGH, ERG #171 | 001 | DT | 45359 | K | PCB1 |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G128014WDI / PCB SOIL | | | | | | |
| STORAGE START DATE: 10/16/13 UNIQUE CONTAINER ID: TRAINING #5 & 6 | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMHAUS FOR KELSEY HAYES/TRW | | | | | | |
| Signature <i>[Signature]</i> | | | | | | Month Day Year 10 17 13 |
| 16. International Shipments | <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ | | | | | |
| | Transporter signature (for exports only): _____ | | | | | |
| | Date leaving U.S.: _____ | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | Transporter 1 Printed/Typed Name Roger Sanders | | | | | |
| | Signature <i>[Signature]</i> | | | | | |
| | Month Day Year 10 17 13 | | | | | |
| Transporter 2 Printed/Typed Name | | | | | | |
| Signature | | | | | | |
| Month Day Year | | | | | | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| Manifest Reference Number: _____ | | | | | | |
| 18b. Alternate Facility (if Generator) U.S. EPA ID Number | | | | | | |
| Facility's Phone: _____ | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | |
| Printed/Typed Name Dan S. Huer | | | | | | Month Day Year 10 17 13 |
| Signature <i>[Signature]</i> | | | | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLI
 and specified on Manifest # 012045510 JJK, Line Item 1 has been landfilled on
Oct 16, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
 Telephone: 1-800-KWALITY (592-5489)
 Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

3/20/13

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | |
|--|---|---|--------------------------|--|---|------------------|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone 480-722-4800 | 4. Manifest Tracking Number 012045510 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48361 | | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 126 399 684 | | | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MID 048 080 633 | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit WL/Vol. | 13. Waste Codes |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | No. 001 | Type DT | 45359 | K | PCB1 |
| | | 2. | | | | | |
| | | 3. | | | | | |
| | | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G126014WMI / PCB SOL STORAGE START DATE: 10-15-13 UNIQUE CONTAINER ID: #5/6 | | | | | | | |
| 15. GENERATOR/SOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Officer's Printed/Typed Name GLENN AMHAUS FOR KELSEY-HAYES/TRW | | Signature <i>[Signature]</i> | | Month Day Year 10/16/13 | | | |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Roger Landers Signature <i>[Signature]</i> Month Day Year 10/16/13 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy Actual weight 58430 kg OK per Jonathan Burton w/ Arcadis SC 10/17/13 | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection OK TO CORRECT PER JONATHAN BURTON W/ ARCADIS SC 10/16/13 Manifest Reference Number: _____ | | | | | | |
| | 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ | | | | | | |
| | Facility's Phone: _____ | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | |
| | 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| | 1. PCB | 2. _____ | 3. _____ | 4. _____ | | | |
| | 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Dan S. [Signature] Signature <i>[Signature]</i> Month Day Year 10/16/13 | | | | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S-LJ
 and specified on Manifest # 012075511 JJK, Line Item 1 has been landfilled on
Oct 17, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

*me wh***CERTIFICATE OF DISPOSAL**

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

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13580
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95900/59000

SAC 132

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Form Approved. OMB No. 2050-0039

| | | | | | | | |
|--|--|---|----------------|---|---|-----------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 458 | 2. Page 1 of 1 | 3. Emergency Response Phone 1 | 4. Manifest Tracking Number 012045511 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 126 399 684 | | | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MID 048 090 633 | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. Type | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | |
| X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | DT | 45359 | K | PCB1 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G128014WDA / PCB SOIL | | | | | | | |
| STORAGE START DATE: 10/10/13 UNIQUE CONTAINER ID: #196/197 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Offeror's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month Day Year 10 17 13 | | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | |
| Transporter 1 Printed/Typed Name MIKE SWAIN | | Signature <i>Mike Swain</i> | | Month Day Year 10 17 13 | | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | | |
| 18. Discrepancy | | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number | | | | | | | |
| Facility's Phone: | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | 2. | 3. | 4. | | | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | |
| Printed/Typed Name M. L. White | | Signature <i>M. L. White</i> | | Month Day Year 10 17 13 | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SLD
 and specified on Manifest # 012045513 JJK, Line Item 1 has been landfilled on
Oct 17, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | |
|---|---|--|---|-----------------------------------|---|-----------------------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045513 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | U.S. EPA ID Number MIK 126 399 684 | | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | | |
| Facility's Phone: (800) 562-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt/Vol. | |
| | | | No. | Type | | | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 6, PGII, ERG #171 | 601 | DT | 45359 | K | |
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| | | | | | | | |
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| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G126014WD1 / PCB SOIL | | | | | | | |
| STORAGE START DATE: 10/17/13 UNIQUE CONTAINER ID: #516 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Offender's Printed/Typed Name CHRIS ARAI | | | Signature <i>Chris Arai</i> | | Month Day Year 10 17 13 | | |
| INTL. | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| | Transporter signature (for exports only): _____ | | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| | Transporter 1 Printed/Typed Name Roger Landers | | | Signature <i>Roger Landers</i> | | Month Day Year 10 17 13 | |
| | Transporter 2 Printed/Typed Name | | | Signature | | Month Day Year | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Manifest Reference Number: _____ | | | | | | |
| | 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | | | |
| | Facility's Phone: _____ | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | | 2. | | 3. | | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | |
| Printed Name THOMAS HOWARD | | | Signature <i>Thomas Howard</i> | | Month Day Year 10 17 13 | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as 000 5.1.1
and specified on Manifest # 012095516 NLC, Line Item 1 has been landfilled on
Oct 24, 2011 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.
(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

Invoice: 40489989

Receipt 03-00 1234535

Cod COD #2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

51028351

| | | | | | | | | |
|--|---|--|---|-----------------------------|---|-----------------------------------|-----------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045516 JJK | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | |
| Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MIK 126 300 684 | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | U.S. EPA ID Number | | | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 40350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | | | |
| Facility's Phone: (800) 562-5489 | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | 001 | DT | 45359 | K | PCB1 | |
| | | 2. | | | | | | |
| | | 3. | | | | | | |
| | | 4. | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014W01 / PCB SOIL STORAGE START DATE: 10/21/13 UNIQUE CONTAINER ID: #516 | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | | Signature <i>Chris Arai</i> | | | Month Day Year 10 21 13 | | |
| INT'L | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____ | | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Doger Sanders Signature <i>Doger Sanders</i> Month Day Year 10 21 13 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | | |
| TRANSPORTER | 18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ | | | | | | | |
| | 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ | | | | | | | |
| | Facility's Phone: _____ | | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | | |
| | 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. PCB 2. _____ 3. _____ 4. _____ | | | | | | | |
| DESIGNATED FACILITY | 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name Dan Stillner Signature <i>Dan Stillner</i> Month Day Year 10 21 13 | | | | | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as 100 S. 11
and specified on Manifest # 012095517JK, Line Item 1 has been landfilled on
Oct 24, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

Handwritten signature



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form EREC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

Invoice: 40490802

Receipt 03-00 1234705

Cod COD #2

5/01235

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | |
|---|---|--|----------------------------|---|---|-----------------------------------|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MD 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045517 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48361 | | | |
| Generator's Phone: (480) 722-4375 | | | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 6. Transporter 1 Company Name S & C Transport | | | | U.S. EPA ID Number | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-04 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MD 048 060 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. Type | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | X | 1. UR3432, Polychlorinated Biphenyls, solid, s, PGH, ERG #171 | 001 | DT | 45,357 | K | PCB1 |
| | | 2. | | | | | |
| | | 3. | | | | | |
| | | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G120014W01 / PCB SOIL STORAGE START DATE: 10/23/13 UNIQUE CONTAINER ID: #5/6 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Offeror's Printed/Typed Name CHRIS ARAI | | | | Signature <i>Chris Arai</i> | | Month Day Year 10/24/13 | |
| TRANSPORTER | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| | Transporter 1 Printed/Typed Name ROGER LANDERS | | | | Signature <i>Roger Landers</i> | | Month Day Year 10/24/13 |
| Transporter 2 Printed/Typed Name | | | | Signature | | Month Day Year | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Manifest Reference Number: | | | | | | |
| | 18b. Alternate Facility (or Generator) | | | | U.S. EPA ID Number | | |
| | Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | | Month Day Year | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | | |
| Printed/Typed Name DAN S. THOR | | | | Signature <i>Dan S. Thor</i> | | Month Day Year 10/24/13 | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.I
 and specified on Manifest # 012045518 JOK, Line Item 1 has been landfilled on
Oct 21, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

*rm wh***CERTIFICATE OF DISPOSAL**

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | | | |
|---|---|--|---|-----------------------------|---|-------------------|--------------------------------|--|-----------------------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045518 JJK | | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | | |
| Generator's Phone: (480) 722-4375 | | | U.S. EPA ID Number MID01370710 | | | | | | |
| 6. Transporter 1 Company Name KID INDUSTRIAL SERVICES | | | U.S. EPA ID Number | | | | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 46350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | | | | |
| Facility's Phone: (800) 502-5489 | | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 6, PGII, ERG #171 | 001 | CM | 21.216 | K | PCB1 | | |
| | | 2. | | | | | | | |
| | | 3. | | | | | | | |
| | | 4. | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G128014WMI / PCB SOIL | | | | | | | | | |
| STORAGE START DATE: 10/21/13 UNIQUE CONTAINER ID: | | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | | | | | | Signature <i>Chris Arai</i> | | Month Day Year 10 21 13 |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: | | | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name RICK SCHELL Signature <i>Rick Schell</i> Month Day Year 10 21 13 Transporter 2 Printed/Typed Name Signature Month Day Year | | | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy ACTUAL weight 11130 kg OK per Jonathan Burton w/ Arcadis SC 10/21/13 | | | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection OK TO correct per Jonathan Burton w/ Arcadis SC 10/21/13 | | | | | | | | |
| | 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number | | | | | | | | |
| | Facility's Phone: | | | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | | |
| 1. PCB | | | 2. | | 3. | | 4. | | |
| 20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name David Tornacki Signature <i>David Tornacki</i> Month Day Year 10 21 13 | | | | | | | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.I
 and specified on Manifest # 012045519 JOK, Line Item 1 has been landfilled on
Oct 22, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
 Telephone: 1-800-KWALITY (592-5489)
 Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

rm ulm



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

500135

| | | | | | |
|---|---|--|---|-----------------------------------|---|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MMD 053 347 458 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045519 JJK |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | |
| Generator's Phone: (480) 722-4375 | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | U.S. EPA ID Number MIK 126 300 684 | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 40350 N 194 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | |
| Facility's Phone: (800) 592-5480 | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity |
| | | | No. | Type | |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PCB, ENG #171 | 001 | DT | 45359 |
| | | | | | |
| | | | | | |
| | | | | | 12. Unit Wt./Vol. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 13. Waste Codes | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014MM / PCB SOL. | | | | | |
| STORAGE START DATE: 10/22/13 UNIQUE CONTAINER ID: #510 | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month Day Year 10 22 13 | |
| TRANSPORTER | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials | | | | |
| | Transporter 1 Printed/Typed Name ROGER LANDER | | Signature <i>Roger Lander</i> | | Month Day Year 10 22 13 |
| | Transporter 2 Printed/Typed Name | | Signature | | Month Day Year |
| DESIGNATED FACILITY | 18. Discrepancy | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | |
| | Manifest Reference Number: | | | | |
| | 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | |
| | Facility's Phone: | | | | |
| | 18c. Signature of Alternate Facility (or Generator) | | | | Month Day Year |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | |
| | 1. PCB | 2. | 3. | 4. | |
| 20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | |
| Printed/Typed Name Charles Suop | | Signature <i>Charles Suop</i> | | Month Day Year 10 22 13 | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.
and specified on Manifest # 012045520JJK, Line Item 1 has been landfilled on
Oct 22, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc. (EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 1-800-KWALITY (592-5489)
Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

| | | | | | | | |
|---|--|--|--------------------------|---|---|---------------------------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045520 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| Generator's Phone: (480) 722-4375 | | | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 6. Transporter 1 Company Name S & C Transport | | | | U.S. EPA ID Number | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 40350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 060 633 | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity 45359 | 12. Unit Wt./Vol. K | 13. Waste Codes | |
| | | No. | Type | | | PCB1 | |
| | | 001 | DT | | | | |
| | | | | | | | |
| | | | | | | | |
| X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014W01 / PCB SOIL | | | | | | | |
| STORAGE START DATE: 10/22/13 UNIQUE CONTAINER ID: #196/197 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | | | Signature <i>Chris Arai</i> | | Month Day Year 10 22 13 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | |
| Transporter 1 Printed/Typed Name MIKE SWAIN | | | | Signature <i>Mike Swain</i> | | Month Day Year 10 23 13 | |
| Transporter 2 Printed/Typed Name | | | | Signature | | Month Day Year | |
| 18. Discrepancy | | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| Actual weight 51030 kg of per Jonathan Burton w/ Arcadis SC 10/23/13 | | | | | | | |
| 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ | | | | | | | |
| Facility's Phone: _____ | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | |
| Printed/Typed Name Charles Swape | | | | Signature <i>Charles Swape</i> | | Month Day Year 11 02 13 | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.W
 and specified on Manifest # 012045521 JJK, Line Item 1 has been landfilled on
Oct 23, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

SIC 135 002P21

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | | |
|--|---|--|--------------------------|---|---|-----------------------------------|-------------------|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045521 JJK | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| Generator's Phone: (480) 722-4375 | | | | U.S. EPA ID Number MIK 126 399 684 | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | | U.S. EPA ID Number | | | | |
| 7. Transporter 2 Company Name | | | | U.S. EPA ID Number | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MID 048 090 633 | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII, ERG #171 | | No. 001 | Type DT | 45,351 | K | PCBT |
| | | 2. | | | | | | |
| | | 3. | | | | | | |
| | | 4. | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014W01 / PCB SOIL STORAGE START DATE: 10/22/13 UNIQUE CONTAINER ID: # 5/6 | | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | | | Signature <i>Chris Arai</i> | | Month Day Year 10 23 13 | | |
| INTL | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name ROYER LAWYERS Signature <i>Roger K. Lawders</i> Month Day Year 10 23 13 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| | 18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number _____ | | | | | | | |
| | Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name M. H. W. W. W. Signature <i>M. H. W. W. W.</i> Month Day Year 10 23 13 | | | | | | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.J
 and specified on Manifest # 012045523 JJK, Line Item 1 has been landfilled on
Oct 22, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

*rm wh***CERTIFICATE OF DISPOSAL**

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | | |
|---|---|--|-------------------------------|-----------------------------|---|--------------------|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045523 JJK | | |
| 5. Generator's Name and Mailing Address KEISEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 126 399 684 | | | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MID 048 090 833 | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9. PGII, ERG #171 | No. 001 | Type DT | 45359 | K | PCB1 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G120014WD1 / PCB SOIL | | | | | | | |
| STORAGE START DATE: 10/21/13 UNIQUE CONTAINER ID: #196/197 | | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month 10 | | Day 22 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. | | Port of entry/exit: Date leaving U.S.: | | | | | |
| TRANSPORTER | 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| | Transporter 1 Printed/Typed Name MIK SWAID | | Signature <i>MIK SWAID</i> | | Month 10 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Day 22 | | | |
| DESIGNATED FACILITY | 18. Discrepancy | | | | | | |
| | 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| | Manifest Reference Number: | | | | | | |
| | 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | | | |
| | Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | | Month 10 | |
| | | | | | | Day 22 | |
| | | | | | | Year 13 | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | |
| Printed/Typed Name Mark Waly | | Signature <i>Mark Waly</i> | | Month 10 | | Day 22 | |
| | | | | Year 13 | | | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.J
 and specified on Manifest # 012045524 JJK, Line Item 1 has been landfilled on
Oct 22, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

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2/22/11

SICOPES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| | | | | | | |
|--|--|--|---|-----------------------------|---|------------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 450 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045524 JJK | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| Generator's Phone: (480) 722-4375 | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 7. Transporter 2 Company Name | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | U.S. EPA ID Number MID 048 090 633 | | | |
| Facility's Phone: (800) 592-5480 | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | 10. Containers | | 11. Total Quantity | 12. Unit WL/Vol. |
| | | | No. | Type | | |
| | 1. UN3432, Polychlorinated biphenyls, solid, 6, PGII, ERG #171 | | 001 | DT | 45359 | K |
| | | | | | | |
| | | | | | | |
| 13. Waste Codes PCB1 | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDI / PCB SOIL | | | | | | |
| STORAGE START DATE: 10/21/13 UNIQUE CONTAINER ID: #5/6 | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | | Signature <i>Chris Arai</i> | | Month Day Year 10 22 13 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name ROGER LANDERS | | | Signature <i>Roger Landers</i> | | Month Day Year 10 22 13 | |
| Transporter 2 Printed/Typed Name | | | Signature | | Month Day Year | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| Manifest Reference Number: | | | | | | |
| 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | | | |
| Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a | | | | | | |
| Printed/Typed Name M. L. W. W. | | | Signature <i>M. L. W. W.</i> | | Month Day Year 10 22 13 | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S&H
and specified on Manifest # 612095526 JK, Line Item 1 has been landfilled on
Oct 25, 2011 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 

Invoice: 40492419

Receipt 03-00 1234730

Cod COD #2

5:8 X3551

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

| | | | | | | | | | |
|---|--|---|--------------------------|-----------------------------|---|------------------|--|-------------------|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045526 JJK | | | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | | | | |
| Generator's Phone: (480) 722-4375 | | | | | | | | | |
| 6. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 126 399 684 | | | | | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 48950 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MID 048 090 633 | | | | | | | |
| Facility's Phone: (800) 592-5489 | | | | | | | | | |
| 9a. HM | 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | | |
| | | No. | Type | | | PCB1 | | | |
| | | 001 | OT | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| X | 1. UN332, Polychlorinated biphenyls, solid, 9, PGR, ERG #171 | | | 45359 | K | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G125014WDR / PCB SOL | | | | | | | | | |
| STORAGE START DATE: 10/24/13 UNIQUE CONTAINER ID: #5/6 | | | | | | | | | |
| 15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month 10 | | Day 25 | | Year 13 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | | | | |
| Transporter 1 Printed/Typed Name Roger Landers | | Signature <i>Roger Landers</i> | | Month 10 | | Day 25 | | Year 13 | |
| Transporter 2 Printed/Typed Name | | Signature | | Month | | Day | | Year | |
| 18. Discrepancy | | | | | | | | | |
| 18a. Discrepancy Indication: Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | | | |
| Actual weight 34355 kg or per Jonathan Burton W/ Arcadis | | | | | | | | | |
| 18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number _____ | | | | | | | | | |
| Facility's Phone: _____ | | | | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____ | | | | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | | | | |
| 1. PCB | | 2. _____ | | 3. _____ | | 4. _____ | | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | | | | | |
| Printed/Typed Name Mark Wuk | | Signature <i>Mark Wuk</i> | | Month 10 | | Day 25 | | Year 13 | |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL


FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.I.V
 and specified on Manifest # 012045512 JIC, Line Item 1 has been landfilled on
Oct 17, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.
 (EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
 Telephone: 1-800-KWALITY (592-5489)
 Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Please print or type. (Form designed for use on 12-pitch typewriter.)

Form Approved, OMB No. 2050-0039

| | | | | | | | | | |
|---|---|--|--|---|-----------------------------|---|---|---------------------------------------|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MD 063 347 456 | | 2. Page 1 of 1 | 3. Emergency Response Phone | | 4. Manifest Tracking Number 012045512 JJK | | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48361 | | | | | |
| Generator's Phone: (480) 722-4375 | | | | 6. Transporter 1 Company Name K.O. INDUSTRIAL SERVICES | | U.S. EPA ID Number MD 072190710 | | | |
| 7. Transporter 2 Company Name | | | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 40360 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | | | U.S. EPA ID Number MD 048 090 633 | | | | | |
| Facility's Phone: (800) 582-5489 | | | | | | | | | |
| GENERATOR | 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | | 10. Containers | | 11. Total Quantity | 12. Unit WL/Vol. | 13. Waste Codes |
| | X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGH, ENG #171 | | | No. 001 | Type CM | 27216 | K | PCB1 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G12801-4ND1 / PCB SOIL STORAGE START DATE: 10/6/13 UNIQUE CONTAINER ID: #158 | | | | | | | | | |
| 15. GENERATOR'S/SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | | | | |
| Generator's/Shipper's Printed/Typed Name CHRIS ARAI | | | | Signature <i>Chris Arai</i> | | | | Month Day Year 10 17 13 | |
| TRANSPORTER | 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | | |
| | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name RIKKE SCHUL Signature <i>Rikke Schul</i> Month Day Year 10 17 13 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____ | | | | | | | | |
| DESIGNATED FACILITY | 18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Actual weight 10916 kg OK per Jonathan Burton w/ Arcadis SC 10/18/13 | | | | | | | | |
| | 18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ | | | | | | | | |
| | Facility's Phone: _____ | | | | | | | | |
| | 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____ | | | | | | | | |
| | 18. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. PCB 2. _____ 3. _____ 4. _____ | | | | | | | | |
| 20. Designated Facility Owner or Operator Certification (except of hazardous materials covered by the manifest except as noted in item 18b) Printed/Typed Name Charles S. Sore Signature <i>Charles S. Sore</i> Month Day Year 10 17 13 | | | | | | | | | |

CERTIFICATE OF DISPOSAL


FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB 5.1J
 and specified on Manifest # 012045514JJK, Line Item 1 has been landfilled on
Oct 17, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.
 (EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
 Telephone: 1-800-KWALITY (592-5489)
 Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

168240
13780
172020

105140/71180

SOL 130

Please print or type. (Form designed for use on 8 1/2 (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0030

| | | | | | | |
|---|--|---|-------------------|-----------------------------|--|-----------------|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MID 053 347 450 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045514 JJK | |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 Generator's Phone: (480) 722-4375 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | | |
| 6. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 128 300 004 | | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 40360 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 Facility's Phone: (800) 582-5489 | | U.S. EPA ID Number MID 048 000 633 | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes |
| | X 1. UNS332, Polychlorinated biphenyls, solid, 9, PCB, ERG #171 | No. 001 | Type DT | 45351 | K | PCB1 |
| | 2. | | | | | |
| | 3. | | | | | |
| | 4. | | | | | |
| 14. Special Handling Instructions and Additional Information 1. GT28014W01 / PCB SOL STORAGE START DATE: 10/17/13 UNIQUE CONTAINER ID: #196/197 | | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature Chris Arai | | Month Day Year 10 17 13 | | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name Mike Swain | | Signature Mike Swain | | Month Day Year 10 17 13 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| 18. Discrepancy | | | | | | |
| 18a. Discrepancy Indication Spec <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| Actual weight 55730 kg, ok per Jonathan Burton w/ Arcadis SC 10/18/13 | | | | | | |
| 18b. Alternate Facility (or Generator) U.S. EPA ID Number | | | | | | |
| Facility's Phone: | | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | | |
| 1. PCB | | 2. | | 3. | | 4. |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 14 | | | | | | |
| Printed Name Jonathan Burton | | Signature Jonathan Burton | | Month Day Year 10 17 13 | | |

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as 100 S.W.
and specified on Manifest # 012095525 SWL, Line Item 1 has been landfilled on
Oct 19, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: 



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

SFC 135021

Form Approved. OMB No. 2050-0039

| | | | | | |
|---|--|---|-------------------|---|---|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MD 053 347 456 | 2. Page 1 of 1 | 3. Emergency Response Phone 1 | 4. Manifest Tracking Number 012045525 JJK |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8678 | | Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48361 | | | |
| 6. Generator's Phone (480) 722-4375 | | | | | |
| 8. Transporter 1 Company Name S & C Transport | | U.S. EPA ID Number MIK 126 399 684 | | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 48360 N I-94 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MD 048 090 833 | | | |
| Facility's Phone: (800) 592-5480 | | | | | |
| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | | 10. Containers | | 11. Total Quantity |
| | 1. UN332, Polychlorinated Biphenyls, solid, 9, PGII, ERG #171 | | No. 001 | Type DT | 45,337 |
| | 2. | | | | |
| | 3. | | | | |
| | 4. | | | | |
| 13. Waste Codes PCB1 | | | | | |
| 14. Special Handling Instructions and Additional Information 1. G12014WMI / PCB SOL | | | | | |
| STORAGE START DATE: 10/18/13 UNIQUE CONTAINER ID: #516 | | | | | |
| 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | |
| Generator's/Officer's Printed/Typed Name CHRIS ARAI | | Signature <i>Chris Arai</i> | | Month Day Year 10 18 13 | |
| 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | |
| 17. Transporter Acknowledgment of Receipt of Materials | | | | | |
| Transporter 1 Printed/Typed Name Robert Lawrence | | Signature <i>Robert Lawrence</i> | | Month Day Year 10 18 13 | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | |
| 18. Discrepancy | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number | | | | | |
| Facility's Phone: | | | | | |
| 18c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | |
| 1. PCB | | 2. | | 3. | |
| 4. | | 5. | | 6. | |
| 20. Designated Facility Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a | | | | | |
| Printed/Typed Name David Tarnacki | | Signature <i>David Tarnacki</i> | | Month Day Year 10 18 13 | |

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB S.L.W.
and specified on Manifest # 61204 5527 JJK, Line Item 1 has been landfilled on
Oct 18, 2013 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

[Handwritten Signature]



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-030-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

2/22/11

S/C 135-PP111

Please print or type. (Form designed for use on effs (12-pitch) typewriter.)

Form Approved. OMB No. 2060-0039

| | | | | | |
|--|----------------|--|--------------------------|-----------------------------|---|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number MD 053 347 450 | 2. Page 1 of 1 | 3. Emergency Response Phone | 4. Manifest Tracking Number 012045527 JJK |
| 5. Generator's Name and Mailing Address KELSEY HAYES COMPANY 11202 E. GERMANN ROAD MESA, AZ 85212-8878 | | 6. Generator's Site Address (if different than mailing address) 101 OAK STREET MILFORD, MI 48381 | | | |
| 7. Generator's Phone: (480) 722-4375 | | 8. Transporter 1 Company Name S & C Transport | | | |
| 9. Transporter 2 Company Name | | U.S. EPA ID Number MD 045 000 633 | | | |
| 10. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 48350 N 194 SERVICE DRIVE BELLEVILLE, MI 48111 | | U.S. EPA ID Number MD 045 000 633 | | | |
| Facility's Phone: (800) 502-5480 | | | | | |
| 11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | 15. Waste Codes |
| | No. | Type | | | |
| | 001 | DT | 45359 | K | PCB1 |
| | | | | | |
| | | | | | |
| 16. Hazard Handling Instructions and Additional Information 61200140001 / PCB SOIL | | | | | |
| STORAGE START DATE: 10/17/13 UNIQUE CONTAINER ID: #516 | | | | | |
| 17. GENERATOR SUPPLIER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. | | | | | |
| Generator's/Supplier's Printed/Typed Name CHRIS ARAI | | | | | |
| Signature <i>Chris Arai</i> | | | | | |
| Month Day Year 10 18 13 | | | | | |
| 18. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | |
| 19. Transporter Acknowledgment of Receipt of Materials | | | | | |
| Transporter 1 Printed/Typed Name BOYER LANDERS | | | | | |
| Signature <i>Boyer Landers</i> | | | | | |
| Month Day Year 10 18 13 | | | | | |
| 18. Discrepancy | | | | | |
| 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | |
| 18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number: | | | | | |
| Facility's Phone: | | | | | |
| 18c. Signature of Alternate Facility (or Generator) | | | | | |
| Month Day Year | | | | | |
| 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) | | | | | |
| 1. PCB | 2. | 3. | 4. | | |
| 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18c | | | | | |
| Printed/Typed Name David Tornacki | | | | | |
| Signature <i>David Tornacki</i> | | | | | |
| Month Day Year 10 18 13 | | | | | |



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|--|--|---|---|--|--|-----------------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250840 | | B. State Generator's ID 259875 | | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | | |
| | | | | H. State Facility Phone 734-326-0993 | | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total | | |
| | a. PCB Impacted Soil and Debris | | | No. Type | | Quantity | | |
| | WM Profile # 110280MI | | | 2 TRAIL | | 50 TON | | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | | |
| | | | Cell | | | | | |
| | | | Grid | | | | | |
| | | | Level | | | | | |
| | | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MID0054.0.0013 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 854-414-3728 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name Michael Kowalski | | | Signature "On behalf of" [Signature] | | | Month Day Year 10 30 13 | | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name Don Bricker | | | Signature [Signature] | | | Month Day Year 10 30 13 | |
| | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name Hayball #2 | | | Signature | | | Month Day Year | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| | Printed Name | | | Signature | | | Month Day Year | |

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|-------------------------------------|--|--------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250865 | | B. State Generator's ID 259876 | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Worsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | TRAIL | 50 | TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| | d. | | | | | | |
| | WM Profile # | | | | | | |
| | J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | Cell | Level | | | |
| | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Kohnen | | | Signature "On behalf of" TRW | | | Month 10 | Day 30 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | Signature [Signature] | | | |
| | Printed Name Ray Ball | | | Month 10 Day 30 Year 13 | | | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | Signature [Signature] | | | |
| | Printed Name Ron Bickel | | | Month 10 Day 30 Year 13 | | | |
| TYP | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name [Signature] | | | Signature [Signature] | | | Month 10 | Day 30 |
| | | | | | | Year 13 | |

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Pink- FACILITY USE ONLY

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|---|--|--|-----------------------------|--|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250839 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID 259874 | | | |
| 5. Transporter 1 Company Name Worsey Tree Service, Inc. | | | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | | | 12. Containers | | 13. Total Quantity |
| | a. PCB Impacted Soil and Debris | | | | No. | Type | 14. Unit Wt./Vol. |
| | WM Profile # 110280MI | | | | 2 | TRAIL | 50 TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | Cell | | Level | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0054.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Komagor | | | | Signature "On behalf of" TRW | | | |
| | | | | Month 10 | Day 30 | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Haydon #27 | | | | Signature Don Buchel | | |
| | | | | Month | Day | Year | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Don Buchel | | | | Signature Don Buchel | | |
| | | | | Month 10 | Day 30 | Year 13 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | | | Signature 9/1/596 | | | |
| | | | | Month 10 | Day 30 | Year 13 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|--|---------------------|---|-----------------|---------------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250858 | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name HAYBALL WILSON TREE SERVICE, INC | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | Ten | 50 | Ten |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | Cell | | Level | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.D.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-314-3716 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Konagan | | | | Signature "On behalf of" TRW | | Month 11 | Day 06 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Venter Ch | | Signature Ch | | Month 11 | Day 06 | Year 13 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name | | | | Signature 9/3661 | | Month 11 | Day 06 |
| | | | | | | Year 13 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|-----------------------------------|--|-------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D D 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA | | T250861 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name HAYBALL Wendy T. Sander Inc | | 6. US EPA ID Number | | C. State Transporter's ID | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | E. State Transporter's ID | | | |
| | | | | F. Transporter's Phone | | | |
| | | | | G. State Facility ID | | | |
| | | | | H. State Facility Phone | | 734-326-0993 | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | |
| a. PCB Impacted Soil and Debris | | No. 2 Type TRAIN | | 50 | | TON | |
| WM Profile # 110280MI | | | | | | | |
| b. | | | | | | | |
| WM Profile # | | | | | | | |
| c. | | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MDD094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name MICHAEL KOWAL | | Signature "On behalf of" [Signature] | | Month 11 | | Day 04 | |
| | | | | Year 13 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Vitez Olab | | Signature [Signature] | | Month 11 | |
| | | | | | | Day 04 | |
| | | | | | | Year 13 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | |
| | | | | | | Day | |
| | | | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912911 | | Signature [Signature] | | Month 11 | | Day 04 | |
| | | | | Year 13 | | | |

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NON-HAZARDOUS MANIFEST

| | | | | | | | | | | |
|--|---|---|--|------------------|--|---|-------------------|--------------------|------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D D 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | | | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA T250859 | | | | |
| 4. Generator's Phone 480-722-4866 | | | B. State Generator's ID | | | | | | | |
| 5. Transporter 1 Company Name KED HAYBALL <i>Waste Transfer Service, Inc</i> | | | 6. US EPA ID Number | | C. State Transporter's ID | | | | | |
| 7. Transporter 2 Company Name HCA Ball | | | 8. US EPA ID Number | | D. Transporter's Phone | | | | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | E. State Transporter's ID | | | | | |
| | | | | | F. Transporter's Phone | | | | | |
| | | | | | G. State Facility ID | | | | | |
| | | | | | H. State Facility Phone 734-326-0993 | | | | | |
| GENERATOR | 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | | | |
| | a. PCB Impacted Soil and Debris WM Profile # 110280MI | | No. | Type | 2 | TRAIL | | 50 | TON | |
| | b. | | | | | | | | | |
| | c. | | | | | | | | | |
| | d. | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | | | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | | | | |
| | | Cell | | | | Level | | | | |
| | | Grid | | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | | |
| Purchase Order # MID0594.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | | | |
| Printed Name MICHAEL KONAGEN | | Signature "On behalf of" TRW | | | | Month 11 | Day 00 | Year 13 | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Veritez Clor | | | | Signature Veritez Clor | | Month 11 | Day 06 | Year 13 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal | | I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | Printed Name | | | | | | | | |
| | | Signature 913484 | | | | Month 11 | Day 16 | Year 13 | | |

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NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|---|-------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA T250860 | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Sitka by 10 Wensey Tree Service, Inc | | | 6. US EPA ID Number | | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | 8. US EPA ID Number | | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | TWIN | 50 | TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | Cell | | Level | | |
| | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0054.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Kohnen | | | Signature "On behalf of" | | | Month 11 | Day 5 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Jamie Stevens | | | Signature | | | Month 11 |
| | | | | | | Year 13 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name | | | Signature | | | Month | Day |
| | | | | | | Year | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| Printed Name 913260 | | | Signature | | | Month 11 | Day 5 |
| | | | | | | Year 13 | |

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NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|---|--|--|-----------------|---------------------------|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if not the same as mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250842 | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name HAYBALL Wendy Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | TBW | 50 | TW |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| | WM Profile # | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | Cell | | Level | | |
| | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # WM00094.0.0023 | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton / 864-414-3726 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name MICHAEL KOWAL | | | Signature "On behalf of" TEW | | Month 11 | Day 01 | Year 13 |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | Signature | | Month | Day | Year | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name KIM BARNES | Signature Kim Barnes | | Month 11 | Day 1 | Year 13 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912397 | | | Signature [Signature] | | Month 11 | Day 1 | Year 13 |

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54.12



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|---|------------------------------|--|-----------------|--|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250841 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name HAYBALL Worsey Tree Service, Inc | | | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | | | 12. Containers | | 13. Total Quantity |
| | a. PCB Impacted Soil and Debris | | | | No. | Type | 14. Unit Wt./Vol. |
| | WM Profile # 110280MI | | | | 2 | TRAIL | SO TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | Cell | | | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton, 564-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Kovacs | | | | Signature "On behalf of" TRU | | Month 11 | Day 01 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name MARK SORREMAI | | Signature [Signature] | | Month 11 | Day 01 | Year 13 |
| | | | | | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| Printed Name | | Signature | | Month | Day | Year | |
| | | | | | | | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| | Printed Name 912385 | | Signature [Signature] | | Month 11 | Day 01 | Year 13 |

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Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|--|------------------------------|--|-----------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D D 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250843 | |
| 4. Generator's Phone 480-722-4866 | | | | B. State Generator's ID | | | |
| 5. Transporter 1 Company Name HAYBALL Wendy Tron Service, Inc | | | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | | 8. US EPA ID Number | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | | 10. US EPA ID Number | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| G E N E R A T O R | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | TRAIL | 50 | TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | Cell | | Level | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0054.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Kovacs | | | | Signature "On behalf of" [Signature] | | Month 11 | Day 01 |
| | | | | | | Year 13 | |
| T R A N S P O R T E R | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Gregg Joens | | Signature [Signature] | | Month 11 | Day 01 | Year 13 |
| F A C I L I T Y | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912408 | | | | Signature [Signature] | | Month 11 | Day 01 |
| | | | | | | Year 13 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|---|--|--|---|-----------------|--|--------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D D 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA T250846 | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Wansey Tree Service, Inc | | | 6. US EPA ID Number | | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | 8. US EPA ID Number | | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | | | 12. Containers | | 13. Total Quantity |
| | a. PCB Impacted Soil and Debris | | | | No. | Type | 14. Unit Wt./Vol. |
| | WM Profile # 110280MI | | | | 2 | TON | 50 TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | | K. Disposal Location | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | Cell | | Level | |
| | | | | Grid | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.D.0013 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name MICHAEL KOHAGE | | | | Signature "On behalf of" | | Month 11 | Day 01 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name MARK SERNANIK | | Signature | | Month 11 | Day 01 | Year 13 |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | | Signature | | Month | Day | Year |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912491 | | | | Signature | | Month 11 | Day 11 |
| | | | | | | Year 13 | |

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Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | | |
|--|---|--|--|---|--------------|--|-------------------|---------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA T250845 | | |
| 4. Generator's Phone 480-722-4866 | | | B. State Generator's ID | | | | | |
| 5. Transporter 1 Company Name WYBALL Worsey Tree Service, Inc. | | | 6. US EPA ID Number | | | C. State Transporter's ID | | |
| 7. Transporter 2 Company Name | | | 8. US EPA ID Number | | | D. Transporter's Phone | | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | | E. State Transporter's ID | | |
| | | | | | | F. Transporter's Phone | | |
| | | | | | | G. State Facility ID | | |
| | | | | | | H. State Facility Phone 734-326-0993 | | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. | |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | | |
| | WM Profile # 110280MI | | | 2 | TRAIL | 50 | TON | |
| | b. | | | | | | | |
| | WM Profile # | | | | | | | |
| | c. | | | | | | | |
| TRANSPORTER | WM Profile # | | | | | | | |
| | d. | | | | | | | |
| | WM Profile # | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | |
| | Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | | | | | | |
| | | | Cell | | | Level | | |
| | | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| Purchase Order # MID0054.0.0023 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 264-414-3726 | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | | |
| Printed Name MICHAEL KOHAGEN | | | Signature "On behalf of" <i>[Signature]</i> | | | Month 11 | Day 01 | |
| | | | | | | Year 13 | | |
| FACILITY | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name | | | Signature | | | Month | Day |
| | | | | | | | Year | |
| FACILITY | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | | |
| | Printed Name KIM BARNES | | | Signature <i>[Signature]</i> | | | Month 11 | Day 01 |
| | | | | | | | Year 13 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous material covered by this manifest. | | | | | | | | |
| Printed Name 912312 | | | Signature <i>[Signature]</i> | | | Month 11 | Day 01 | |
| | | | | | | Year 13 | | |

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Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|--|--|---------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. M I D 0 5 3 3 4 7 4 5 6 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250844 | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name HAYBALL Worcester Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | |
| a. PCB Impacted Soil and Debris | | No. 2 Type TRW | | 50 | | TON | |
| WM Profile # 110280MI | | | | | | | |
| b. | | | | | | | |
| WM Profile # | | | | | | | |
| c. | | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above Color: Brown/Black Odor: No Physical State: Solid | | K. Disposal Location | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MID0094.0.0033 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3716 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Konagen | | Signature "On behalf of" TRW | | Month 11 | | Day 01 | |
| | | | | Year 13 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Gregg Soens | | Signature Gregg Soens | | Month 11 | |
| | | | | | | Day 01 | |
| | | | | | | Year 13 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | |
| | | | | | | Day | |
| | | | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912532 | | Signature PJ | | Month 11 | | Day 01 | |
| | | | | Year 13 | | | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|---|--|---|---------------|--|-------------------|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | | A. Manifest Number WMNA T250864 | |
| 4. Generator's Phone 480-722-4866 | | | | | | B. State Generator's ID | |
| 5. Transporter 1 Company Name Hayes Tree Service, Inc | | | 6. US EPA ID Number | | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | | 8. US EPA ID Number | | | D. Transporter's Phone | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | | 10. US EPA ID Number | | | E. State Transporter's ID | |
| | | | | | | F. Transporter's Phone | |
| | | | | | | G. State Facility ID | |
| | | | | | | H. State Facility Phone 734-326-0993 | |
| GENERATOR | 11. Description of Waste Materials | | | 12. Containers | | 13. Total Quantity | 14. Unit Wt./Vol. |
| | a. PCB Impacted Soil and Debris | | | No. | Type | | |
| | WM Profile # 110280MI | | | 2 | TRAIL | 50 | TON |
| | b. | | | | | | |
| | WM Profile # | | | | | | |
| | c. | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | | Cell | | Level | | |
| | | | Grid | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MR00054.0.0013 | | | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 864-414-3726 | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Korman | | | Signature "On behalf of" TRW | | | Month 11 | Day 01 |
| | | | | | | Year 13 | |
| TRANSPORTER | 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name Mark Szymanski | Signature MS | | Month 11 | Day 01 | Year 13 | |
| TRANSPORTER | 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | | | |
| | Printed Name | Signature | | Month | Day | Year | |
| FACILITY | 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | |
| | 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | |
| | Printed Name 912614 | | | Signature JS | | | Month 11 |
| | | | | | | | Day 11 |
| | | | | | | | Year 13 |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|--|--|--------------------------------------|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MD053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250863 | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Waste Transfer Service, Inc. | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | |
| a. PCB impacted Soil and Debris | | No. 2 Type TRAIL | | 50 | | TON | |
| WM Profile # 110280MI | | | | | | | |
| b. | | | | | | | |
| WM Profile # | | | | | | | |
| c. | | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | | | | | | |
| | | Cell | | Level | | | |
| | | Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # MD0094.0.0023 | | EMERGENCY CONTACT / PHONE NO.: | | | | Jonathan Burton/ 864-414-3726 | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Koman | | Signature "On behalf of" TRW | | Month 11 | | Day 01 | |
| | | | | Year 13 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Printed Name Ben R... | | Signature Ben R... | | Month 11 | |
| | | | | | | Day 01 | |
| | | | | | | Year 13 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Printed Name | | Signature | | Month | |
| | | | | | | Day | |
| | | | | | | Year | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912628 | | Signature [Signature] | | Month 11 | | Day 01 | |
| | | | | Year 13 | | | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



NON-HAZARDOUS MANIFEST

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| NON-HAZARDOUS MANIFEST | | 1. Generator's US EPA ID No. MID053347456 | | Manifest Doc No. | | 2. Page 1 of | |
| 3. Generator's Mailing Address: KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 | | Generator's Site Address (if different than mailing): KELSEY-HAYES MILFORD PLANT 101 OAK STREET MILFORD, MI 48381 OAKLAND COUNTY | | A. Manifest Number WMNA T250862 | | B. State Generator's ID | |
| 4. Generator's Phone 480-722-4866 | | 5. Transporter 1 Company Name Wonsey Tree Service, Inc | | 6. US EPA ID Number | | C. State Transporter's ID | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | D. Transporter's Phone | | E. State Transporter's ID | |
| 9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184 | | 10. US EPA ID Number | | F. Transporter's Phone | | G. State Facility ID | |
| | | | | H. State Facility Phone 734-326-0993 | | | |
| 11. Description of Waste Materials | | 12. Containers | | 13. Total Quantity | | 14. Unit Wt./Vol. | |
| a. PCB Impacted Soil and Debris | | No. 2 Type TRAILER | | 50 | | TON | |
| WM Profile # 110280MI | | | | | | | |
| b. | | | | | | | |
| WM Profile # | | | | | | | |
| c. | | | | | | | |
| WM Profile # | | | | | | | |
| d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Disposal Location | | | | | |
| Color: Brown/Black Odor: No Physical State: Solid | | Cell Grid | | | | | |
| 15. Special Handling Instructions and Additional Information | | Level | | | | | |
| Purchase Order # MID0054.0.0023 | | EMERGENCY CONTACT / PHONE NO.: Jonathan Burton/ 254-414-2726 | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations. | | | | | | | |
| Printed Name Michael Kohagen | | Signature "On behalf of" | | | | Month 11 Day 01 Year 13 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Gregg Soars | | | | Month 11 Day 01 Year 13 | |
| Printed Name Gregg Soars | | Signature | | | | Month 11 Day 01 Year 13 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | | | Month 11 Day 01 Year 13 | |
| Printed Name | | Signature | | | | Month 11 Day 01 Year 13 | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above. | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. | | | | | | | |
| Printed Name 912035 | | Signature P. L. | | | | Month 11 Day 01 Year 13 | |

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Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

Appendix G

Air Monitoring Logs

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - FORMER KELSEY HAYES PLANT Date: 8/30/12
 Instrument: DUST MONITOR Model: PDR-1000AN Serial #: 3696

| | |
|---|---------------------------------|
| Calibration Method: (Material used settings, etc.) | ZEROING OF INSTRUMENT IN 7 BAGS |
| Calibration Results: | OK |
| Calibrated By: | F. SIMMONS |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------|----------------------|
| BACKGROUND | DUST / PARTICULATES | 7:40 | 0.007 | N |
| GRADE AREA 1 | | 8:57 | 0.009 | N |
| | | 10:52 | 0.004 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: SW → NE
 ACTION LEVEL: 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TKW - FORMER KELSEY HAYES PLANT Date: 8/29/12
 Instrument: DUST MONITOR Model: PDR-1000AN Serial #: 3696

| | |
|---|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>ZEROING OF INSTRUMENT IN Z BAL</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>F. SIMMONS</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------------|--------------|-------------------------|
| <u>BACKGROUND</u> | <u>DUST/PARTICULATES</u> | <u>800</u> | <u>0.009</u> | <u>N</u> |
| <u>GRADE AREA 2</u> | | <u>1015</u> | <u>0.011</u> | <u>N</u> |
| | | <u>1200</u> | <u>0.013</u> | <u>N</u> |
| | | <u>1410</u> | <u>0.015</u> | <u>N</u> |
| | | <u>1600</u> | <u>0.023</u> | <u>N</u> |
| | | <u>1703</u> | <u>0.009</u> | <u>N</u> |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: SW → NE
ACTION LEVEL: 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TKW - FORMER KELSEY HAYES SITE Date: 8/28/12
 Instrument: DUST MONITOR Model: PDR-1000 AN Serial #: 3696

| | |
|---|--------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>ZEROING OF INSTRUMENT IN ZBAL</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>F. SIMMONS</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------------|---------------------------|----------------------|
| <u>BACKGROUND</u> | <u>DUST/PARTICULATES</u> | <u>745</u> | <u>0.015</u> | <u>N</u> |
| <u>BACKFILL AREA 1</u> | | <u>915</u> | <u>0.024</u> | <u>N</u> |
| | | <u>1100</u> | <u>0.010</u> | <u>N</u> |
| | | <u>1210</u> | <u>0.010</u> | <u>N</u> |
| | | <u>1335</u> | <u>0.006</u> | <u>N</u> |
| | | <u>1538</u> | <u>0.007</u> | <u>N</u> |
| | | <u>1700</u> | <u>0.006</u> | <u>N</u> |
| | ↓ | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: WEST → EAST

ACTION LEVEL: 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - FORMER KESSEY HOUSES SITE Date: 8/27/12

Instrument: DUST MONITOR Model: PDR-KEDAN Serial #: 3090

| | |
|---|--------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>ZEROING OF INSTRUMENT IN 76Ks</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>FRED SIMMONS</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------------|---------------------------|----------------------|
| <u>BACKPUMP</u> | <u>DUST / PARTICULATES</u> | <u>815</u> | <u>0.010</u> | <u>N</u> |
| <u>BACKPUMP AREA 1</u> | <u> </u> | <u>820</u> | <u>0.009</u> | <u>N</u> |
| | <u> </u> | <u>900</u> | <u>0.017</u> | <u>N</u> |
| | <u> </u> | <u>1200</u> | <u>0.024</u> | <u>N</u> |
| | <u> </u> | <u>1410</u> | <u>0.012</u> | <u>N</u> |
| | <u> </u> | <u>1545</u> | <u>0.020</u> | <u>N</u> |
| | <u> </u> | <u>1630</u> | <u>0.019</u> | <u>N</u> |
| | <u> </u> | <u>1700</u> | <u>0.005</u> | <u>N</u> |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION : WEST → EAST

ACTION LEVEL : 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/24/12
 Instrument: Dust Monitor Model: PDA-1000 Serial #: 3696

| | |
|---|-------------------------------|
| Calibration Method: (Material used settings, etc.) | Zeroing of instrument in 26ay |
| Calibration Results: | OK |
| Calibrated By: | Chad VanCollie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------|----------------------|
| Background | Dust / Particulates | 8:23 | 0.009 | N |
| Backfill Area 1 | ↓ | 8:23 | 0.024 | N |
| " | | 9:47 | 0.017 | N |
| " | | 11:02 | 0.010 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: SW → NE
 Action level: 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW-Kelsey Hayes Site Date: 8/23/12
 Instrument: Dust Monitor Model: PDR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | Zeroing of instrument in z bay |
| Calibration Results: | OK |
| Calibrated By: | Chad VanLoillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------|----------------------|
| Background | Dust / Particulates | 8:00 | 0.022 | N |
| Backfill Area 1 | " | 8:32 | 0.012 | N |
| " | " | 9:45 | 0.020 | N |
| " | " | 11:59 | 0.005 | N |
| " | " | 13:31 | 0.002 | N |
| " | " | 15:13 | 0.128 | N |
| Battery Dead | —————→ | 16:57 | ————— | ————— |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west to east
Action level: 2.5 mg/m³

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/22/12
 Instrument: Dust Monitor Model: PDA-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | zeroing of instrument in z bag |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------|----------------------|
| Background | Dust/Particles | 8:24 | 0.025 | N |
| Backfill Area 1 | " | 9:21 | 0.000 | N |
| " | " | 10:15 | 0.001 | N |
| " | " | 11:22 | 0.002 | N |
| " | " | 12:31 | 0.000 | N |
| " | " | 14:29 | 0.000 | N |
| " | " | 16:00 | 0.005 | N |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west to east
 Action Level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/21/12
 Instrument: Dust Monitor Model: PDR-1000 Serial #: 3690

| | |
|---|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>Zeroing of instrument in 2 bay</u> |
| Calibration Results: | <u>ok</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|--------------|---------------------------|----------------------|
| <u>Background</u> | <u>Dust / Particulates</u> | <u>9:05</u> | <u>0.003</u> | <u>N</u> |
| <u>Area 1 backfill</u> | <u>"</u> | <u>10:15</u> | <u>0.006</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:47</u> | <u>0.007</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:30</u> | <u>0.005</u> | <u>N</u> |
| | | <u>12:20</u> | <u>0.008</u> | <u>N</u> |
| | | <u>14:01</u> | <u>0.011</u> | <u>N</u> |
| | | <u>15:24</u> | <u>0.024</u> | <u>N</u> |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction! was west to east
Action Level 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/20/12
 Instrument: Dust Monitor Model: PDR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | Zeroing of instrument in z bag |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Caillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------|----------------------|
| Background | dust/particulates | 9:04 | 0.002 | N |
| Backfill Delivery | " | 9:05 | 0.007 | N |
| Backfill Area 3 | " | 10:21 | 0.004 | N |
| " | " | 11:24 | 0.002 | N |
| " | " | 12:10 | 0.002 | N |
| " | " | 14:04 | 0.003 | N |
| " | " | 15:15 | 0.004 | N |
| " | " | 16:23 | 0.002 | N |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction → west to east

Action Level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/17/12
 Instrument: FID Model: Micro FID 4/S Serial #: CZUM306

| | |
|---|---|
| Calibration Method: (Material used settings, etc.) | Zero - fresh air calibration span calibration - 100ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Cottle |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | PPM Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|-------------|----------------------|
| Background | Volatile compounds | 7:55 | 0.0 | N |
| ← Loading at Area 1 | | 8:05 | 0.0 | N |
| ← " " | | 8:20 | 0.0 | N |
| ← Area 1 excavation | | 8:52 | 0.0 | N |
| Area 1 loading | volatiles | 11:20 | 0.0 | N |
| Area 1 loading | volatiles | 14:11 | 0.0 | N |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
 Action level: 10 ppm (5 minutes)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/17/12
 Instrument: Dust monitor Model: PDR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | zeroing of instrument in z bag |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Cotte |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------|----------------------|
| Background | dust / Particulates | 7:43 | 0.000 | N |
| Loading Trucks Area 1 | " | 8:05 | 0.000 | N |
| Excavation of Area 1 | " | 8:54 | 0.039 | N |
| Loading Trucks Area 1 | " | 11:07 | 0.000 | N |
| Backfill Area 3 | " | 13:33 | 0.002 | N |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
 Action Level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Kelsey Hayes Site Date: 8/16/12
 Instrument: PID Model: Micro PID 2/S Serial #: CZUM 306

| | |
|---|--|
| Calibration Method: (Material used settings, etc.) | Zero - fresh air calibration span calibration - 100 ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Caille |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | PPM Reading | Action Required? Y/N |
|--------------------------|--|-------|-------------|----------------------|
| Background | volatile compounds Area 1 excavation | 10:25 | 0.0 | N |
| Area 1 excavation | " | 10:35 | 0.0 | N |
| " | " | 11:00 | 0.0 | N |
| " | " | 11:23 | 0.0 | N |
| " | " | 11:50 | 0.0 | N |
| " | " | 12:31 | 0.0 | N |
| " | " | 14:50 | 0.0 | N |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
 Action Level: 10 ppm (5 minutes)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsoy Hayes Site Date: 8/16/12

Instrument: Dust Monitor Model: PDA-1000 Serial #: 3696

| | |
|--|--------------------------------|
| Calibration Method: (Material used settings, etc.) | zeroing of instrument in z-bag |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|------------------------------|----------------------------|
| Background | dust/particulates | 7:53 | 0.011 | N |
| vegetative cover | " | 7:54 | 0.013 | N |
| " | " | 10:04 | 0.012 | N |
| Excavation #1 | " | 11:58 | 0.011 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
 Action Level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/15/12
Instrument: Dust Monitor Model: PDR-1000 Serial #: 3096

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>zeroing of instrument in z-bag</u> |
| Calibration Results: | <u>ok</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------------|--------------------------------|--------------|------------------------------|----------------------------|
| <u>Background</u> | <u>dust / particulates</u> | <u>8:05</u> | <u>0.020</u> | <u>N</u> |
| <u>Laying vegetative cover</u> | <u>"</u> | <u>8:06</u> | <u>0.027</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:54</u> | <u>0.008</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>13:43</u> | <u>0.005</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>14:56</u> | <u>0.007</u> | <u>N</u> |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction SW → NE
Action level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/14/12
Instrument: _____ Model: _____ Serial #: _____

| | |
|--|--|
| Calibration Method: (Material used settings, etc.) | |
| Calibration Results: | |
| Calibrated By: | |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|-------------------------|
| | | | | |
| | | | | |
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| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

No dust monitoring today due to wet conditions

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/13/12
Instrument: Dust Monitor Model: PDA-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>Zeroing of instrument in z-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|---|--------------------------------|--------------|------------------------------|----------------------------|
| <u>Background</u> | <u>Dust/Particulates</u> | <u>7:48</u> | <u>0.012</u> | <u>N</u> |
| <u>Laying vegetative cover</u> | <u>"</u> | <u>7:52</u> | <u>0.008</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:36</u> | <u>0.013</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>15:00</u> | <u>0.010</u> | <u>N</u> |
| <u>Light rain - stop monitoring for</u> | | <u>15:05</u> | | |
| <u>the time being.</u> | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction west → east
Action level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: _____ Date: 8/9/12 - 8/10/12
Instrument: _____ Model: _____ Serial #: _____

| | |
|--|--|
| Calibration Method: (Material used settings, etc.) | |
| Calibration Results: | |
| Calibrated By: | |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|----------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

No dust monitoring today due to wet conditions

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW- Former Kelsey Hayes Site Date: 8/8/12
 Instrument: Dust Monitor Model: ADR-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>zeroing of instrument in z-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|----------------------------------|--------------------------------|--------------|------------------------------|----------------------------|
| <u>Background</u> | <u>0.006 Dust</u> | <u>8:18</u> | <u>0.006</u> | <u>N</u> |
| <u>Laying vegetative barrier</u> | <u>11</u> | <u>8:19</u> | <u>0.010</u> | <u>N</u> |
| <u>11</u> | <u>11</u> | <u>10:02</u> | <u>0.056</u> | <u>N</u> |
| <u>11</u> | <u>11</u> | <u>14:44</u> | <u>0.002</u> | <u>N</u> |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
Action level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/6/12 ^(CVC)
 Instrument: Dust Monitor Model: PPR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | Zeroing of instrument in z-bag |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------------------------|----------------------|
| Background | Dust | 7:37 | 0.002 | N |
| Backfill Delivery | Dust | 7:38 | 0.004 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
 Action level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Site Date: 8/6/12

Instrument: Dust Monitor Model: PAA-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>Zeroing of instrument in z-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|--------------------------------|--------------|--------------|----------------------------|
| <u>Background</u> | <u>Dust</u> | <u>10:05</u> | <u>0.008</u> | <u>N</u> |
| <u>Backfill Delivery</u> | <u>Dust</u> | <u>10:07</u> | <u>0.008</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:07</u> | <u>0.008</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>13:45</u> | <u>0.009</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>16:04</u> | <u>0.006</u> | <u>N</u> |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west → east
Action level: 2.5 mg/m³ (continuous)



SUBJECT:

JOB NO:

BY:

DATE:

CHKD:

DATE:

PAGE

SHEET

/

Site Name: TRW Former Kelsey Hayes

8/3/12

Instrument: FID

Model: Micro FID I/S

Serial #: C26M306

calibration method: Zeroing of instrument, span calibration (100ppm CH₄)

calibration results: OK

calibrated by: Chad VanCollie

wind direction west to east

Action level - 10ppm - sustained for 5 min

| <u>Activity</u> | <u>compounds monitored</u> | <u>Time</u> | <u>Reading</u> | <u>Action Required?</u> |
|-----------------|----------------------------|-------------|----------------|-------------------------|
| Background | volatile compounds | 7:45 | 0.0 ppm | N |
| Excavation 3 | " | 7:48 | 0.0 ppm | N |
| " | " | 8:24 | 0.0 ppm | N |
| " | " | 9:10 | 0.0 ppm | N |
| " | " | 10:30 | 0.0 ppm | N |
| " | " | 11:05 | 0.0 ppm | N |
| " | " | 12:31 | 0.0 ppm | N |



SUBJECT:

JOB NO:

BY:

DATE:

CHKD:

DATE:

PAGE

SHEET

/

Site Name: TRW Former Kelsey Hayes

8/3/12

Instrument: Dust Monitor

Model: PDR 1000

Serial #: 3696

Calibration Method: zeroing of instrument in 2 bag

Calibration Results: OK

Calibrated by Chad VanCott/te

Wind direction west to east

Action level: 2.5 mg/m³ (continuous)

| <u>Activity</u> | <u>Compounds Monitored</u> | <u>Time</u> | <u>Reading</u> mg/m ³ | <u>Action Required?</u> |
|-----------------|----------------------------|-------------|-------------------------------------|-------------------------|
| Background | Dust/Particulates | 7:45 | 0.010 | N |
| Excavation 3 | " | 7:49 | 0.013 | N |
| " | " | 8:23 | 0.007 | N |
| " | " | 9:09 | 0.002 | N |
| " | " | 10:31 | 0.008 | N |
| " | " | 11:06 | 0.003 | N |
| " | " | 12:31 | 0.006 | N |



SUBJECT:

JOB NO:

BY:

DATE:

CHKD:

DATE:

PAGE

SHEET

/

Site Name: TRW - Former Kelsey Hayes

8/2/12

Instrument: FID

Model: Micro FID I/S

Serial #: ~~3096~~ ^{CUC} CZUM306

Calibration method: Zeroing of instrument, span calibration (100 ppm)

Calibration results: OK

Calibrated by Chad vanCott

Wind direction → west to east

Action Level: 10 ppm - sustained for 5 min

| <u>Activity</u> | <u>Compounds monitored</u> | <u>Time</u> | <u>Reading (ppm)</u> | <u>Action Required?</u> |
|--|----------------------------|-------------|----------------------|-------------------------|
| Background | Volatile Compounds | 8:38 | 0.4 | N |
| Loading near Excavation 1 | " | 8:40 | 0.4 | N |
| " | " | 9:33 | 0.2 | N |
| Loading / Excavating Activities complete for day | | | | |



SUBJECT:

JOB NO:

BY:

DATE:

CHKD:

DATE:

PAGE

SHEET

/

Site Name: TAW - Former Kelsey Hayes

8/2/12

Instrument: Dust Monitor

Model: ADR-1000

Serial #: 3696

Calibration Method: zeroing of instrument in 2 bag

Calibration Results: OK

Calibrated by: Chad Van Coillie

Wind Direction → ~~west~~ west to eastAction Level: 2.5 mg/m³ (continuous)

| Activity | Compounds monitored | Time | Reading (mg/m ³) | Action Required? |
|---------------------------|---------------------|-------|---------------------------------|---------------------|
| Background | Dust/Particulates | 8:36 | 0.030 | N |
| Loading near excavation 1 | " | 8:37 | 0.027 | N |
| " | " | 9:32 | 0.025 | N |
| Import Backfill | " | 10:40 | 0.035 | N |
| " | " | 11:50 | 0.041 | N |
| " | " | 12:20 | 0.046 | N |
| " | " | 14:12 | 0.033 | N |
| " | " | 15:32 | 0.031 | N |

8:40
9:31loads
offsite7:10
BMS
cosik

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Date: 8/1/12
 Instrument: FID Model: micro FID I/S Serial #: CZUM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | zero - fresh air calibration span calibration - 100ppm CH ₄ |
| Calibration Results: | ok |
| Calibrated By: | Chad VanCollie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | ppm Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|---------------------------|----------------------------|
| Background | volatile Compounds | 8:01 | 0.0 | N |
| Excavation 1 | " | 8:05 | 0.0 | N |
| Re-Excavation of area 1 | " | 11:37 | Flame not starting in FID | |
| " | " | 11:38 | 0.0 | N |
| " | " | 11:55 | 0.0 | N |
| " | " | 13:09 | 0.0 | N |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

Wind direction: west to east

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW - Former Kelsey Hayes Date: 8/1/12
 Instrument: Dust monitor Model: PAR-1000 Serial #: 3696

| | |
|--|--------------------------------|
| Calibration Method: (Material used settings, etc.) | zeroing of instrument in a bag |
| Calibration Results: | OK |
| Calibrated By: | Chad VanCott |

| Activity Being Monitored | Compounds/Hazards Monitored | Time ^(Circled) | Reading | Action Required? Y/N |
|--------------------------|--------------------------------|---------------------------|---------|----------------------------|
| Background | Dust | 8:00 7:45 | 0.004 | N |
| Excavation 1 | " | 8:04 | 0.008 | N |
| Re-Excavation of Area 1 | " | 11:36 | 0.002 | N |
| " | " | 11:55 | 0.044 | N |
| " | " | 12:29 | 0.039 | N |
| " | " | 13:09 | 0.055 | N |
| Running backfill trucks | " | 16:10 | 0.072 | N |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

Wind direction: west to east

Action level: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TAW Milford Former Kelsey Hayes Date: 7/31/12
 Instrument: FID Model: Micro FID I/S Serial #: CZUM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | zero - fresh air calibration Span calibration - 100ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | ppm Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|----------------|----------------------------|
| Background | volatile compounds | 8:20 | 0.0 ppm | N |
| Excavation 1 | " | 8:22 | 0.0 | N |
| " | " | 9:10 | 0.0 | N |
| " | " | 11:09 | 0.0 | N |
| At Excavation 2/3 | " | 13:00 | 0.0 | N |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west to east
 Action Level: 10ppm (5 minutes)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford Former Kelsey Hayes Site Date: 7/31/12

Instrument: Dust monitor Model: PDA-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>Zeroing of instrument in z-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad VanCott</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|-----------------------------|--------------------------------|--------------|------------------------------|----------------------------|
| <u>Background</u> | <u>Dust/particulates</u> | <u>8:20</u> | <u>0.0</u> | <u>N</u> |
| <u>Excavation 1</u> | <u>"</u> | <u>8:22</u> | <u>0.0</u> | <u>N</u> |
| | <u>"</u> | <u>9:10</u> | <u>0.007</u> | <u>N</u> |
| | <u>"</u> | <u>11:10</u> | <u>0.000</u> | <u>N</u> |
| <u>Excavation 2/3</u> | <u>"</u> | <u>13:00</u> | <u>0.004</u> | <u>N</u> |
| <u>Backfill stockpiling</u> | <u>"</u> | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

Wind direction: west to east
Action level: 2.5 mg/m³ (continuous) , TAG is on monitor

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TEW MILFORD - FORMER KELSEY - HAYES SITE Date: 7/30/12

Instrument: DUST MONITOR Model: PDR-1000 Serial #: 3696

| | |
|--|----------------------------------|
| Calibration Method: (Material used settings, etc.) | ZEROING OF INSTRUMENT IN ZBAG |
| Calibration Results: | OK |
| Calibrated By: | Tam Maffeo |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------|----------------------|
| BACKGROUND | DUST | 7:00 | 0.002 | N |
| EXCAVATION 3 | " | 7:30 | 0.010 | N |
| " | " | 9:10 | 0.008 | N |
| " | " | 10:53 | 0.015 | N |
| " | " | 11:40 | 0.015 | N |
| " / Excavation 2 | " | 13:42 | 0.010 | N |
| " | " | 14:30 | 0.025 | N |
| " | " | 15:40 | 0.017 | N |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: ~~east~~ west to east

ACTION LEVEL: 2.5 mg/m³ (continuous)

Excavation 3 Dust 16:54 0.027 N

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY-HAYES Date: 7/30/12

Instrument: FID Model: MICROFID I/S Serial #: CZUM306

| | |
|--|--|
| Calibration Method: (Material used settings, etc.) | <u>ZERO - FRESH AIR CALIBRATION</u> <u>SPAN CALIBRATION - 100ppm CH₄</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Tony Maffeo</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|--------------|------------|----------------------|
| <u>BACKGROUND</u> | <u>VOLATILES</u> | <u>7:00</u> | <u>0.0</u> | <u>N</u> |
| <u>EXCAVATION 3</u> | <u>"</u> | <u>7:30</u> | <u>0.5</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>9:10</u> | <u>0.7</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:54</u> | <u>0.8</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:40</u> | <u>1.1</u> | <u>N</u> |
| <u>Excavation 2</u> | | <u>13:42</u> | <u>0.9</u> | <u>N</u> |
| <u>"</u> | | <u>14:30</u> | <u>1.3</u> | <u>N</u> |
| <u>"</u> | | <u>15:40</u> | <u>0.7</u> | <u>N</u> |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: ~~East~~ West to East

ACTION LEVEL: 10 ppm (5 minutes)

Excavation 3 volatiles 16:53 1.7 N

11

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD EXCAVATION - FORMER KELSEY-HAYES SITE Date: 7/27/12

Instrument: DUST MONITOR Model: PDR-1000 Serial #: 3696

| | |
|---|-------------------------------|
| Calibration Method: (Material used settings, etc.) | ZEROING OF INSTRUMENT IN ZBAG |
| Calibration Results: | OK |
| Calibrated By: | Tony Maffeo |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|----------------------|
| BACK GROUND | DUST | 709 | 0.006 | N |
| EXCAVATION 3 | " | 750 | 0.013 | N |
| " | " | 1108 | 0.013 | N |
| " | " | 1158 | 0.012 | N |
| " | " | 1347 | 0.011 | N |
| " | " | 1500 | 0.026 | N |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: W

ACTION LEVEL: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY HAZARDOUS SITE Date: 7/27/12

Instrument: FID Model: MICRO FID I/S Serial #: C2UM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | ZERO - FRESH AIR CALIBRATION SPAN CALIBRATION - 100ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | TONY MAFFEO |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|--------------------------------|------|---------|----------------------------|
| BACKGROUND | VOLATILES | 7:12 | 0.0 | N |
| EXCAVATION 3 | " | 751 | 0.2 | N |
| " | " | 1108 | 1.2 | N |
| " | " | 1158 | 3.5 | N |
| " | " | 1347 | 0.8 | N |
| " | " | 1500 | 0.2 | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: W

ACTION LEVEL: 10 ppm (5 minutes contained)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY-HAYES SITE Date: 7/26/12
 Instrument: DUST MONITOR Model: PDR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | ZEROING OF INSTRUMENT IN 2 BAR |
| Calibration Results: | OK |
| Calibrated By: | Tony Maffeo |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|----------------------|
| BACK GROUND | DUST | 7:01 | 0.000 | N |
| EXCAVATION AREA 1 | " | 7:40 | 0.003 | N |
| " | " | 1245 | 0.003 | N |
| " | " | 1500 | 0.000 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: W

ACTION LEVEL: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY-HAYES SITE Date: 7/26/12
 Instrument: FID Model: MICRO FID I/S Serial #: C2UM306

| | |
|---|--|
| Calibration Method: (Material used settings, etc.) | ZERO - FRESH AIR CALIBRATION SPAN CALIBRATION - 100 ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Tony Maffeo |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|----------------------|
| BACKGROUND | VOLATILES | 722 | 0.00 | N |
| EXCAVATION AREA 1 | " | 740 | 0.00 | N |
| " | " | 1245 | 0.0 | N |
| " | " | 1900 | 0.0 | N |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: W

ACTION LEVEL: 10 ppm (5 minutes contained)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY-HAVERHILL Date: 7/25/12

Instrument: DUST MONITOR Model: PDR-1000 Serial #: 3696

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | ZEROING OF INSTRUMENT IN Z BAG |
| Calibration Results: | OK |
| Calibrated By: | Tony Maffeo |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------|-------------------------|
| BACKGROUND | DUST / PARTICLES | 7:20 | 0.002 | N |
| EXCAVATION AREA 1 | " | 7:32 | 0.081 | N |
| " | " | 8:50 | 0.006 | N |
| " | " | 10:00 | 0.002 | N |
| " | " | 11:08 | 0.005 | N |
| " | " | 12:00 | 0.000 | N |
| " | " | 14:43 | 0.003 | N |
| " | " | 15:40 | 0.006 | N |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: NE

ACTION LEVEL: 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW MILFORD - FORMER KELSEY-HAYES ^{SITE} Date: 7/25/12
 Instrument: FID Model: MICRO FID I/S Serial #: CZUM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | ZERO - FRESH AIR CALIBRATION SPAN CALIBRATION - 100ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Tony M. Fied |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | Reading | Action Required? Y/N |
|--------------------------|-----------------------------|------|---------|-------------------------|
| BACKGROUND | VOLATILES | 7:21 | 0.3 | N |
| EXCAVATION AREA 1 | " | 7:33 | 0.4 | N |
| " | " | 8:50 | 0.5 | N |
| " | " | 1000 | 0.7 | N |
| " | " | 1108 | 0.9 | N |
| " | " | 1200 | 0.0 | N |
| " | " | 1443 | 0.4 | N |
| " | " | 1540 | 0.0 | N |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

WIND DIRECTION: NE
 ACTION LEVEL: 10 ppm for 5 minutes

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford - former Kelsey Hayes Site Date: 7/24/12
Instrument: Dust Monitor Model: PDR-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>zeroing of instrument in z bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>chad van collio</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|-----------------------------------|--------------------------------|--------------|---|----------------------------|
| <u>Background</u> | <u>Dust / particles</u> | <u>7:23</u> | <u>0.004</u> | <u>N</u> |
| <u>Excavation Area 1A & 1</u> | <u>"</u> | <u>7:31</u> | <u>0.008</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>7:52</u> | <u>0.018</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>8:35</u> | <u>0.012</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:15</u> | <u>K&D using water for dust control</u> | |
| <u>"</u> | <u>"</u> | <u>10:45</u> | <u>0.013</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:52</u> | <u>0.101</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>14:24</u> | <u>0.014</u> | <u>N</u> |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction:
Action level → 2.5 mg/m³ (continuous)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford - Former Kelsey Hayes Site Date: 7/24/12
Instrument: FID Model: micro RID I/S Serial #: C2UM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | zero - fresh air calibration Span calibration - 100ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Collie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | PPM Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|------------------|----------------------------|
| Background | volatiles | 7:24 | 0.4 | N |
| Excavation of Area A#1 | " | 7:30 | 0.5 | N |
| " | " | 7:51 | 0.7 | N |
| " | " | 8:34 | 0.2 | N |
| " | " | 10:47 | 1.3 | N |
| " | " | 11:52 | 0.4 | N |
| " | " | 14:01 | 0.7 | N |
| | | 14:33 | Need to recharge | hydrogen |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west to east
Action level: 10ppm (5 min)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TW Milford - Former Kelsey Hayes Site Date: 7/23/12
Instrument: Dust monitor Model: PDR-1000 Serial #: 3696

| | |
|--|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>zeroing of instrument in 2-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|-----------------------------|--------------------------------|--------------|------------------------------|----------------------------|
| <u>Background</u> | <u>Dust/particulates</u> | <u>8:35</u> | <u>0.005</u> | <u>N</u> |
| <u>Excavation of Area 1</u> | <u>"</u> | <u>8:37</u> | <u>0.006</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>9:30</u> | <u>0.010</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:02</u> | <u>0.002</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>10:33</u> | <u>0.003</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>11:48</u> | <u>0.007</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>14:15</u> | <u>0.007</u> | <u>N</u> |
| <u>"</u> | <u>"</u> | <u>15:00</u> | <u>0.006</u> | <u>N</u> |

meter out of
batteries. Replace
and recalibrate

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction west → east

Action level → 2.5 mg/m³

" " 16:30 0.010 N

mm
mm

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford - Former Kelsey Hayes Site Date: 7/23/12
Instrument: FID Model: micro FID I/S Serial #: C2UM306

| | |
|--|--|
| Calibration Method: (Material used settings, etc.) | zero - fresh air calibration span calibration - 100 ppm CH ₄ |
| Calibration Results: | OK |
| Calibrated By: | Chad VanCoylie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | (ppm) Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|------------------|----------------------------|
| Background | volatiles | 8:34 | 0.0 ppm | N |
| Excavation of Area 1 | " | 8:37 | 0.0 | N |
| " | " | 9:30 | 0.7 | N |
| " | " | 10:02 | 1.5 | N |
| " | " | 10:34 | 0.6 | N |
| " | " | 11:50 | 0.5 | N |
| " | " | 14:30 | | |
| " | " | 15:30 | 0.4 | N |

Ref: 11 Hydrogen

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction west → east

16:30 0.3 N Recharge battery

Action Level 10 ppm (sustained for 5 min)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford - Former Kelsey Hays Site Date: 7/17/12
Instrument: FID Model: Micro FID I/S Serial #: C2UM306

| | |
|--|--|
| Calibration Method: (Material used settings, etc.) | Zero - fresh air calibration span calibration |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | (ppm) Time | Reading | Action Required? Y/N |
|--------------------------|--------------------------------|---------------|---------|----------------------------|
| Excavation | Volatiles | | | |
| " | | | | |
| " | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

Wind direction: West to east
At 8:10 FID stopped working, flame inside instrument
would not ignite. Called Pine support line and confirmed
that instrument ran out of hydrogen. New hydrogen refill cylinder
was ordered.

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TAW Milford - Former Kelsey Hayes Site Date: 7/17/12
 Instrument: Dust monitor Model: PDR-1000 Serial #: 3696

| | |
|---|---------------------------------------|
| Calibration Method: (Material used settings, etc.) | <u>zeroing of instrument in 2-bag</u> |
| Calibration Results: | <u>OK</u> |
| Calibrated By: | <u>Chad Van Coillie</u> |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | mg/m ³ Reading | Action Required? Y/N |
|--------------------------|-----------------------------|--------------|------------------------------|-------------------------|
| <u>Excavation</u> | <u>Dust/Particles</u> | <u>8:00</u> | <u>0.009</u> | |
| <u>"</u> | <u>"</u> | <u>8:21</u> | <u>0.003</u> | |
| <u>"</u> | <u>"</u> | <u>10:45</u> | <u>0.006</u> | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Background

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: west to east

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milford - Former Kelsey Hayes Site Date: 7/16/12

Instrument: F.I.D. Model: Micro FID I/S Serial #: CZUM306

| | |
|--|---|
| Calibration Method: (Material used settings, etc.) | zero - fresh air calibration span calibration - 100ppm methane gas |
| Calibration Results: | OK |
| Calibrated By: | Chad Van Coillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | (ppm) Reading | Action Required? Y/N |
|--------------------------|--------------------------------|-------|------------------|----------------------------|
| Excavation | Volatiles | 8:46 | 0.0 | N |
| " | " | 9:10 | 0.0 | N |
| " | " | 9:45 | 4.5 | N |
| " | " | 14:53 | 0.6 | N |
| " | " | 15:37 | 0.0 | N |
| | | | | |
| | | | | |
| | | | | |

Background

spiking, not
sustained
spiking, not sustained

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: southeast to northwest

Action Level → 10ppm (sustained for 5 min)

Real Time Exposure Monitoring Data Collection Form

Document all air monitoring conducted on the Site below. Keep this form with the project file.

Site Name: TRW Milled - Former Kelsey Hayes Site Date: 7/16/12
 Instrument: PDR-1000 Model: PDR-1000 Serial #: 3696
dust monitor

| | |
|---|--------------------------------|
| Calibration Method: (Material used settings, etc.) | zeroing of instrument in 2-bag |
| Calibration Results: | OK |
| Calibrated By: | Chad VanCillie |

| Activity Being Monitored | Compounds/Hazards Monitored | Time | (mg/m ³) Reading | Action Required? Y/N |
|--------------------------|-----------------------------|-------|---------------------------------|-------------------------|
| Excavation | Dust/Particulates | 8:46 | 0.018 mg/m ³ | N |
| " | " | 9:12 | 0.009 | N |
| " | " | 9:45 | 0.037 | N |
| " | " | 14:53 | 0.013 | N |
| " | " | 15:35 | 0.011 | N |
| | | | | |
| | | | | |
| | | | | |

Background

wind direction now west to east

Describe Any Actions Taken as a Result of this Air Monitoring and Why (does it match Table 5-1):

wind direction: southeast to northwest (in morning)

Action Level → 2.5 mg/m³ (continuous)



Date: 10/15/2013
Activity: Area 3 excavation. Light south wind.

[illegible]



Date: 10/16/2013
Activity: Area 3 excavation. Light SW wind.

[illegible]



Date: 10/17/2013
Activity: Area 3 excavation. Light SW wind.

[illegible]



Date: 10/18/2013
Activity: Area 3 excavation. Light SW wind.

[illegible]



Date: 10/22/2013
Activity: Area 3 excavation. Light SW wind.

[illegible]



Date: 10/23/2013
Activity: Area 3 excavation. Light NW wind.

[illegible]



Date: 10/24/2013
Activity: Area 3 excavation. Light NW wind.

[illegible]



Date: 10/25/2013
Activity: TSCA Loadout, backfill, fabric/
sand placement.

[illegible]



Date: 10/28/2013
Activity: Area 3 backfill/ excavation. Sand/
fabric installation.

[illegible]



Date: 10/29/2013
Activity: Area 3 backfill/ excavation. Sand/
fabric installation. Clearing Area
4.

[illegible]



Date: 10/30/2013
Activity: Area 3 backfill/ excavation. Sand/
fabric installation.

[illegible]



Date: 10/31/2013
Activity: Area 3 backfill/ excavation.NO
DUST MONITORING DUE TO
RAIN/ SATURATED

[illegible]



Date: 11/1/2013
Activity: Area 3 backfill/ excavation.NO
DUST MONITORING DUE TO
RAIN/ SATURATED

[illegible]



Date: 11/4/2013
Activity: Area 3 excavation, Area 4 excavation, sand grading, import topsoil, haul out non-TSCA

[illegible]



Date: 11/5/2013
Activity: Importing topsoil/ sand. Haul out non-TSCA, backfilling and grading operations.

[illegible]



Date: 11/6/2013
Activity: No dust monitoring due to rain/
saturated conditons.

[illegible]



Date: 11/7/2013
Activity: No dust monitoring due to rain/
saturated conditons.

[illegible]



Date: 11/8/2013
Activity: Final topsoil grading, finish backfilling, sweeping lots, fencepost install.

[illegible]

Appendix H

Laboratory Analytical Reports



Appendix I

Data Validation Reports



Appendix J

Demarcation Layer Specification
Sheets



GEOTEX®
BY PROPEX

Certificate of Compliance

GEOTEX® 601OR

July 26, 2012

Construction Supply Inc

BOL: 80508646 PO: 19171

GEOTEX® 601OR is a polypropylene, staple fiber, needlepunched nonwoven geotextile produced by Propex, and will meet the following Typical Values when tested in accordance with the methods listed below. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant biological and chemical environments normally found in soils.

GEOTEX 601OR conforms to the property values listed below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

| Typical Values ² | | | |
|--|-------------|-------------------------|---------------------------|
| PROPERTY | TEST METHOD | ENGLISH | METRIC |
| ORIGIN OF MATERIALS | | | |
| % U.S. Manufactured Inputs | | 100% | 100% |
| % U.S. Manufactured | | 100% | 100% |
| MECHANICAL | | | |
| Tensile Strength (Grab) | ASTM D-4632 | 198 lbs | 881 N |
| Elongation | ASTM D-4632 | 70% | 70% |
| CBR Puncture | ASTM D-6241 | 493 lbs | 2194 N |
| Trapezoidal Tear | ASTM D-4533 | 85 lbs | 378 N |
| HYDRAULIC | | | |
| Apparent Opening Size (AOS) ³ | ASTM D-4751 | 70 US Std. Sieve | 0.212 mm |
| Permittivity | ASTM D-4491 | 2.0 sec ⁻¹ | 2.0 sec ⁻¹ |
| Water Flow Rate | ASTM D-4491 | 150 gpm/ft ² | 6112 l/min/m ² |
| ROLL SIZES | | 15 ft x 300 ft | 4.57 m x 91.4 m |

NOTES:

1. The property values listed above are effective 04/2011 and are subject to change without notice.
2. Values shown are in weaker principal direction. All values are Typical based on testing methods listed above.
3. Maximum average roll value.

Richard G Bledsoe
Quality Manager



**GEOTEXTILE
SYSTEMS**
BY PROPEX

ENGINEERING EARTH
www.geotextile.com

Propex Operating Company, LLC · 6025 Lee Highway, Suite 425 · PO Box 22788 · Chattanooga, TN 37422

ph 423 899 0444 · ph 800 621 1273 · fax 423 899 7619

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GEOTEX[®] 801OR is a polypropylene, staple fiber, needlepunched nonwoven geotextile produced by Propex, and will meet the following Typical Values when tested in accordance with the methods listed below. The fibers are needed to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant biological and chemical environments normally found in soils.

GEOTEX 801OR conforms to the property values listed below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Typical Values²

| PROPERTY | TEST METHOD | ENGLISH | METRIC |
|--|-------------|-------------------------|---------------------------|
| ORIGIN OF MATERIALS | | | |
| % U.S. Manufactured Inputs | | 100% | 100% |
| % U.S. Manufactured | | 100% | 100% |
| MECHANICAL | | | |
| Tensile Strength (Grab) | ASTM D-4632 | 240 lbs | 1068 N |
| Elongation | ASTM D-4632 | 70% | 70% |
| CBR Puncture | ASTM D-6241 | 605 lbs | 2692 N |
| Trapezoidal Tear | ASTM D-4533 | 95 lbs | 423 N |
| HYDRAULIC | | | |
| Apparent Opening Size (AOS) ³ | ASTM D-4751 | 80 US Std. Sieve | 0.180 mm |
| Permittivity | ASTM D-4491 | 1.7 sec ⁻¹ | 1.7 sec ⁻¹ |
| Water Flow Rate | ASTM D-4491 | 110 gpm/ft ² | 4482 l/min/m ² |
| ROLL SIZES | | 15 ft x 300 ft | 4.57 m x 91.4 m |

NOTES:

1. The property values listed above are effective 04/2011 and are subject to change without notice.
2. Values shown are in weaker principal direction. All values are Typical based on testing methods listed above.
3. Maximum average roll value.

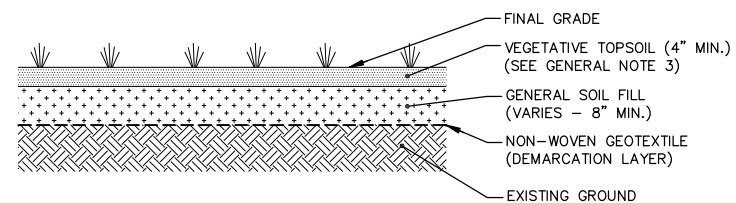


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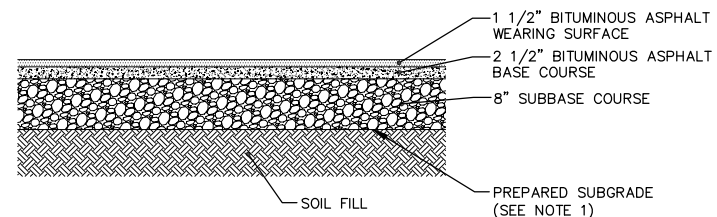


NOTE:

1. REQUIRED LAYER THICKNESS MAY BE GREATER THAN THE INDICATED MINIMUMS.

VEGETATIVE COVER SYSTEM (1)

NOT TO SCALE



NOTES:

1. PREPARED SUBGRADE INCLUDES FILLED AND COMPACTED SUBGRADE.
2. SUBBASE COURSE SHALL BE CLASS 21A DENSE GRADED AGGREGATE AS SPECIFIED IN SECTION 902 OF THE MICHIGAN DOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. BITUMINOUS TOP AND BASE COURSE MATERIAL SHALL BE PLANT PRODUCED HOT MIX ASPHALT AS SPECIFIED IN SECTION 501 OF THE MICHIGAN DOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

ASPHALT COVER SYSTEM 2

NOT TO SCALE

| | | | | | | | | | | | | |
|---|-----|------|-----------|--|----|-----|------------------------------|--------------|--|--|---|-----------------|
| <p>NOT TO SCALE</p> <p>THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING:</p> <p>USE TO VERIFY FIGURE REPRODUCTION SCALE</p> | | | | | | | Professional Engineer's Name | |  <p>ARCADIS G&M OF MICHIGAN, LLC.</p> | <p>FORMER KELSEY-HAYES SITE • MILFORD, MICHIGAN</p> <p>PCB-IMPACTED SOIL REMOVAL AND COVER SYSTEM</p> <p>CONSTRUCTION COMPLETION REPORT</p> <p>DETAILS</p> <p>GENERAL</p> | <p>ARCADIS Project No. MI000941.0023.00006</p> <p>Date DECEMBER 2013</p> <p>ARCADIS 6723 Towpath Road P.O. Box 66 Syracuse, NY 13214-0066 Tel. 315.446.9120</p> | <p>1</p> |
| | | | | | | | Professional Engineer's No. | | | | | |
| | | | | | | | State | | | | | |
| | | | | | | | Date Signed | | | | | |
| | No. | Date | Revisions | | By | Ckd | MI | Project Mgr. | | | | |
| THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAFC. | | | | | | | | Designed by | Drawn by | Checked by | | |

Appendix K

Compaction Results



CTI and Associates, Inc.

MODIFIED PROCTOR TEST RESULTS

CLIENT K & D Industries, Inc.

PROJECT NAME Kelsey Hayes

PROJECT NUMBER 3122040045

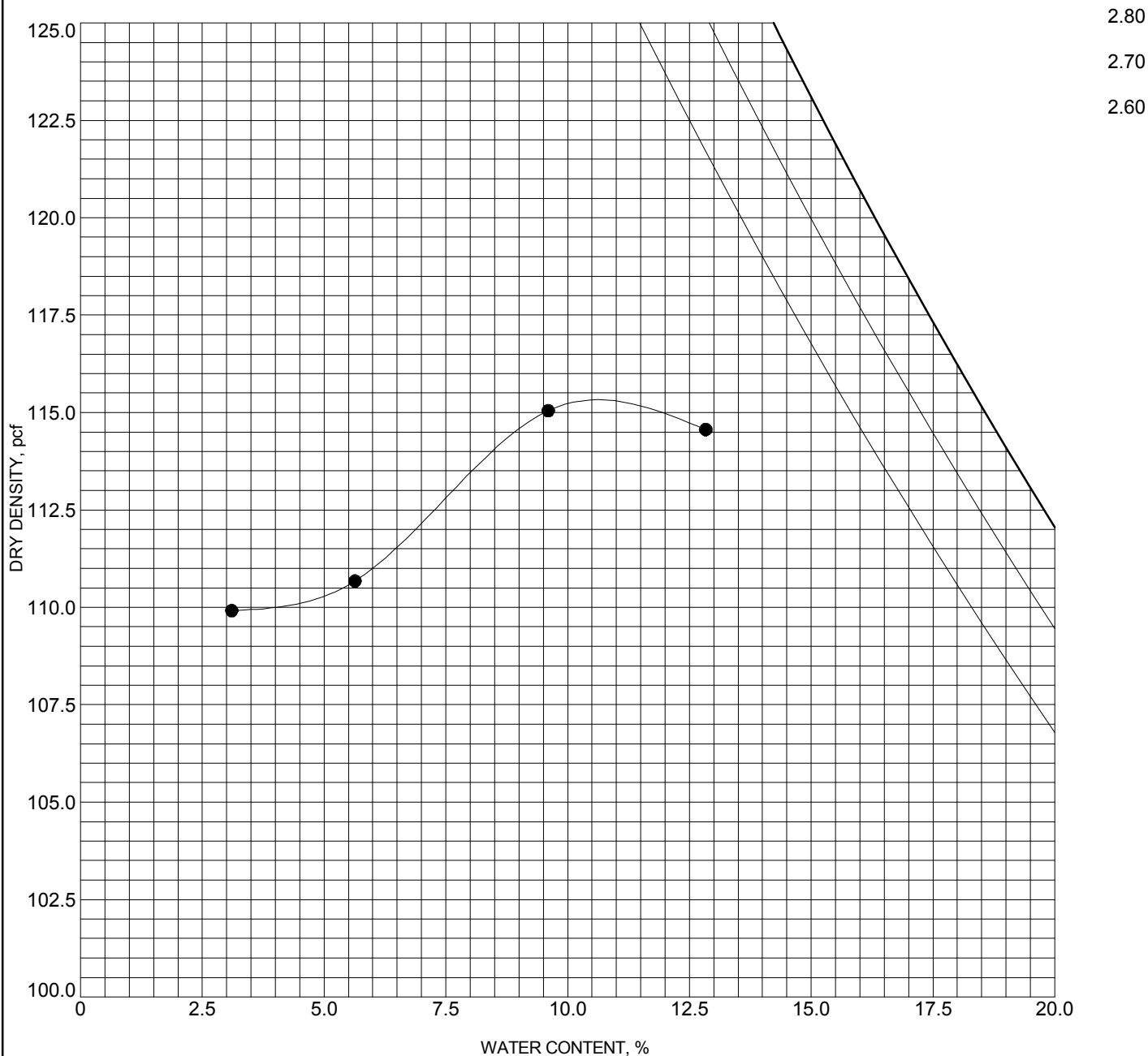
PROJECT LOCATION Milford, MI

| | | | |
|-------------------------|----------------------------------|-------------|---------------------|
| Sample Number | 2 | Test Method | ASTM D1557 Method B |
| Sample Date | 8/2/12 | Test Date | 8/9/12 |
| Sampled By | H. Comer | Tested By | T. Rickelmann |
| Description of Material | Brown fine to medium sand | | |
| Material Source | Natural Aggregates - Milford Pit | | |

TEST RESULTS

Maximum Dry Density 115.3 PCF
Optimum Water Content 10.6 %

Curves of 100% Saturation
for Specific Gravity Equal to:



**REPORT OF FIELD SOIL DENSITY TEST**

(ASTM D 6938)

REPORT NO: 2

PROJECT: Kelsey-Hayes Milford DATE: 8/2/2012
PROJECT LOCATION: Milford, Michigan CONTRACTOR: K&D Industries, Inc. AIR TEMP. (°F): 62-89
PROJECT NO.: 3122040045 CLIENT: K&D Industries, Inc.

CALIBRATED EQUIPMENT USED FOR TESTING

| | | | |
|-------------------|--------------------|---|----|
| T-99 Mold (ID #): | MI Cone (ID#): | Speedy Moisture Kit (ID#): | |
| Rammer (ID#): | Field Scale (ID#): | PROJECT SPECIFIC REQUIRED % COMPACTION: | 90 |

| TEST NO. | LOCATION | SOIL NO. | TEST DEPTH (inch) | COUNTS (DC) | COUNTS (MC) | DEPTH BELOW FINISHED GRADE | WET DENSITY (pcf) | DRY DENSITY (pcf) | % MOIST | % COMPACTION | |
|----------|----------------------------|----------|-------------------|-------------|-------------|----------------------------|-------------------|-------------------|---------|--------------|------|
| | | | | | | | | | | PASS | FAIL |
| 1 | 10' E / 3' S of NW corner | 2 | 8 | 1291 | 106 | 4' | 119.3 | 110.1 | 8.4 | 95.5 | |
| 2 | 5' W / 5' N of SE corner | 2 | 8 | 1373 | 85 | 3'-4" | 116.9 | 109.9 | 6.4 | 95.3 | |
| 3 | 15' E / 6' S of NW corner | 2 | 8 | 1425 | 89 | 2'-8" | 115.4 | 107.9 | 6.9 | 93.6 | |
| 4 | 8' E / 7' N of SW corner | 2 | 8 | 1291 | 109 | 2' | 119.3 | 109.8 | 8.7 | 95.2 | |
| 5 | 9' W / 4' S of NE corner | 2 | 8 | 1249 | 98 | 1'-4' | 120.7 | 112.3 | 7.5 | 97.4 | |
| 6 | 16' E / 15' S of NW corner | 2 | 8 | 1396 | 81 | 8" | 116.3 | 109.6 | 6.1 | 95.1 | |
| 7 | 11' E / 8' N of SW corner | 2 | 6 | 1901 | 110 | 0.0 | 120.5 | 110.9 | 8.7 | 96.2 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Location of Fill Placed: Excavation area #2

Material Source: Natural Aggregate - Milford, MI

Lift Sizes & Fill Type: 8" lifts; Brown fine to coarse sand

Compaction Equipment: Plate compactor

Unresolved Failing Tests:

| SOIL NO. | MAX DRY DENSITY | OPT %H ₂ O | Remarks: The contractor was informed of today's test results. | Gauge Serial No.: | 24876 |
|----------|-----------------|-----------------------|--|---------------------|----------|
| 2 | 115.3 | 10.6 | | Chart Standards | |
| | | | | Density | Moisture |
| | | | | 1991 | 600 |
| | | | | 2035 | 624 |
| | | | | Operating Standards | |
| | | | | Density | Moisture |
| | | | | 1995 | 601 |

REPORTED BY: Hamani Comer



Laboratory Compaction Curve

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

ARCHITECT/ENGINEER:

CONTRACTOR: K & D Industrial Services, Inc.

TEST PROCEDURE USED: ASTM D-698 'Standard'

RAMMER: Manual

MOLD DIAMETER: 4

UNIFIED SOIL CLASSIFICATION: SP

INTENDED USE: Backfill

MATERIAL SOURCE: Natural Aggregate - Milford, MI

DESCRIPTION OF SOIL: F/M Sand, Tr/So Gravel, Tr Silt, Brown

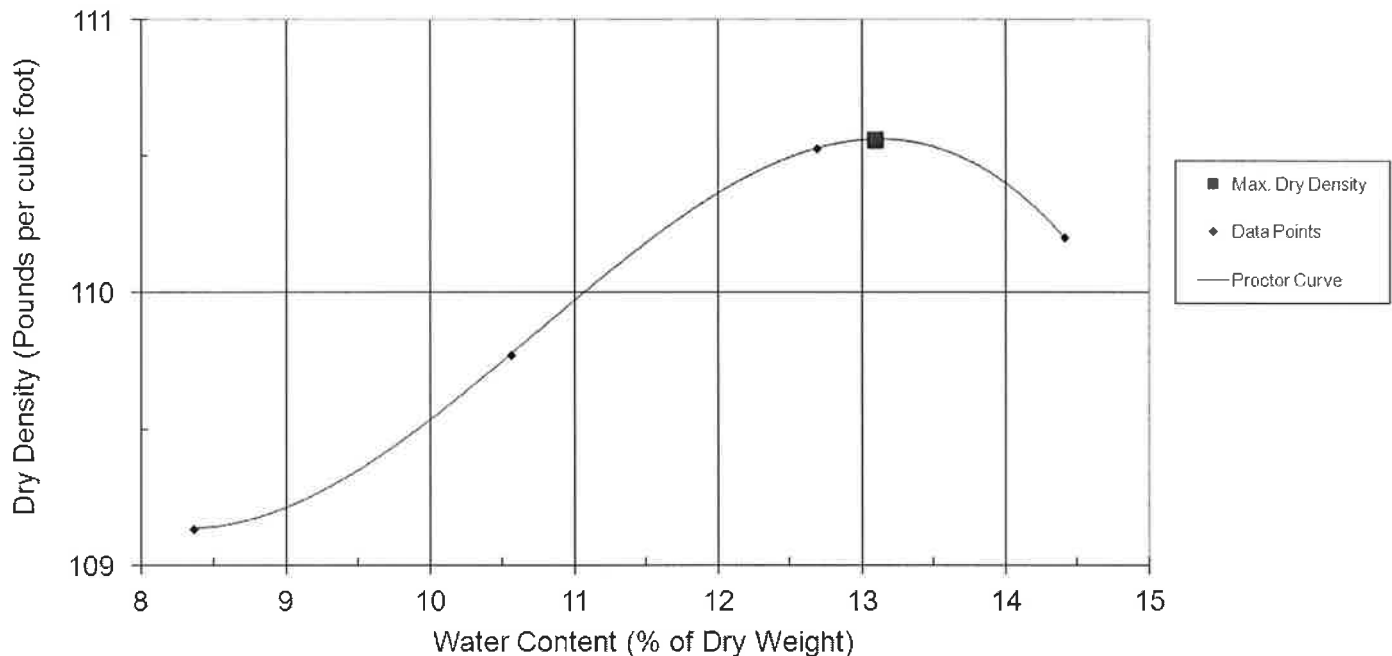
SME JOB NO: PQ66214

REPORT NO: 1

DATE: 08/15/12

SAMPLED BY: TIMOTHY CLIPFELL

SAMPLE DATE: 8/14/2012



TEST RESULTS

MAX DRY DENSITY: 110.6 pcf

OPT WATER CONT: 13.1 %

REMARKS:

TESTED BY: AMBER BETTINGHOUSE

dm - 557211

REVIEWED BY: TREVOR D. SHAHEEN, SMSI



TRANSMITTAL

Date: 8/28/2012

☒ 43980 Plymouth Oaks Blvd.
Plymouth, MI 48170-2584
Phone: (734) 454-9900
Fax: (734) 454-0629

To: Dale Read
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Romulus, MI 48174

☐ 1501 West Thomas Street
Bay City, MI 48706-3299
Phone: (989) 684-6050
Fax: (989) 684-0210

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Fax: (616) 406-1749

☐ 3301 Tech Circle Drive
Kalamazoo, MI 49008-5611
Phone: (269) 323-3555
Fax: (269) 323-3553

☐ 2663 Eaton Rapids Rd
Lansing, MI 48911-6310
Phone: (517) 887-9181
Fax: (517) 887-2666

Re: **Project:** KELSEY HAYES SITE REMEDIATION
Location: MILFORD, MI
SME Project No: PQ66214

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Traverse City, MI 49686-265
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Remarks:

☐ 3906 West 86th Street, Ste. B
Indianapolis, IN 46268-1701
Phone: (317) 876-0200
Fax: (317) 876-0300

☐ 415 Tomahawk Drive
Maumee, OH 43537-1633
Phone: (419) 897-0409
Fax: (419) 897-0429

We are transmitting herewith 1 copies of:

- Laboratory Compaction Curve: 1-2

Distribution:

Dale Read - dread@kdigroup.com
S Young - syoung@kdigroup.com

Very truly yours,
SOIL AND MATERIALS ENGINEERS, INC.

MATTHEW BERTUCCI, PE

Consultants in the geosciences, materials, and the environment



Laboratory Compaction Curve

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

ARCHITECT/ENGINEER:

CONTRACTOR: K & D Industrial Services, Inc.

TEST PROCEDURE USED: ASTM D-698 'Standard'

RAMMER: Manual

MOLD DIAMETER: 4

UNIFIED SOIL CLASSIFICATION: SP

INTENDED USE: Backfill

MATERIAL SOURCE: Natural Aggregate - Milford, MI

DESCRIPTION OF SOIL: F/M Sand, Tr/So Gravel, Tr Silt, Brown

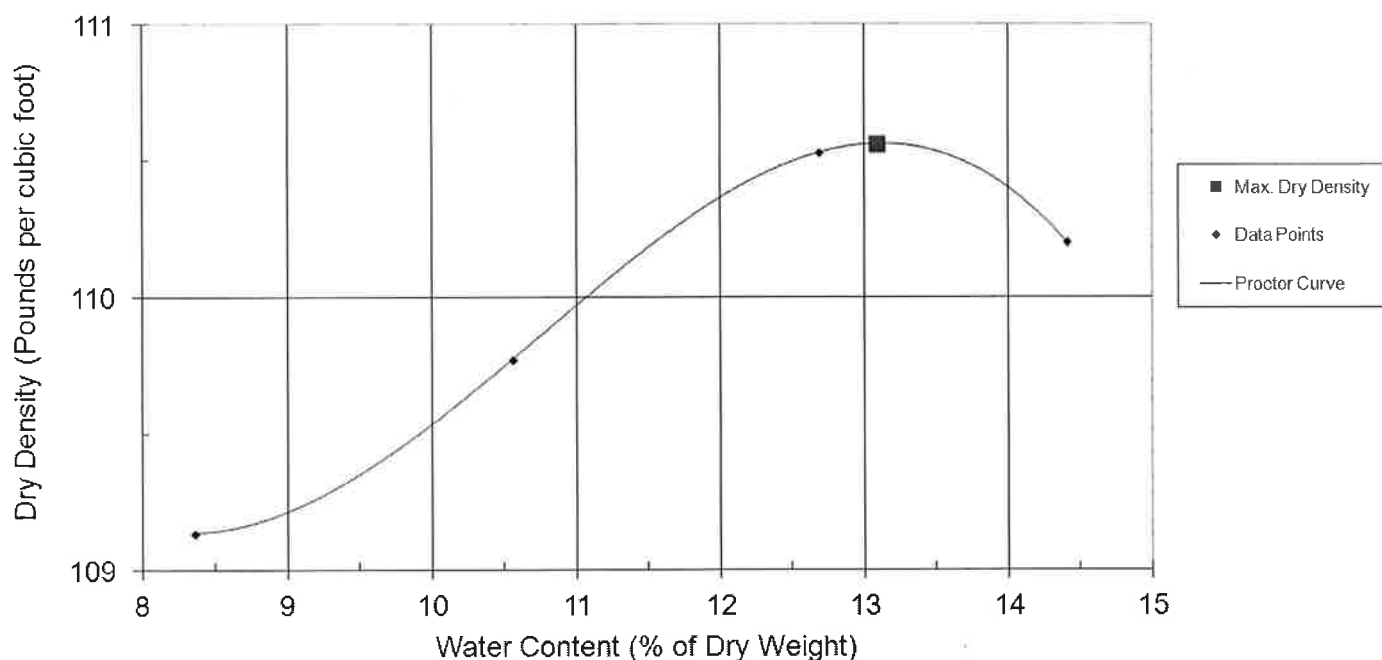
SME JOB NO: PQ66214

REPORT NO: 1

DATE: 08/15/12

SAMPLED BY: TIMOTHY CLIPFELL

SAMPLE DATE: 8/14/2012



TEST RESULTS

MAX DRY DENSITY: 110.6 pcf

OPT WATER CONT: 13.1 %

REMARKS:

TESTED BY: AMBER BETTINGHOUSE

REVIEWED BY: TREVOR D. SHAHEEN, SMSI

rmt - 557211



Laboratory Compaction Curve

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

ARCHITECT/ENGINEER:

CONTRACTOR: K&D Industrial Services, Inc.

TEST PROCEDURE USED: ASTM D-1557 'Modified'

RAMMER: Mechanical

MOLD DIAMETER: 6

UNIFIED SOIL CLASSIFICATION:

INTENDED USE: Asphalt Aggregate Base

MATERIAL SOURCE: Natural Aggregate (Milford, MI)

DESCRIPTION OF SOIL: Crushed Limestone

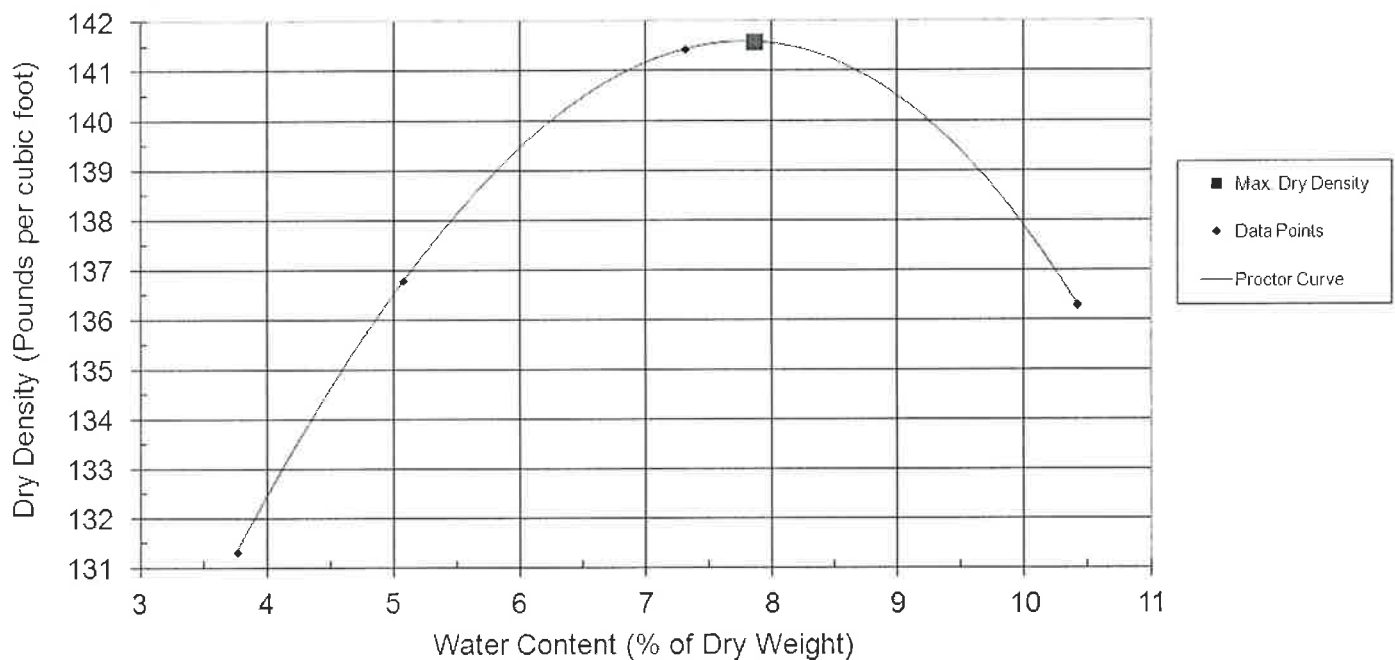
SME JOB NO: PQ66214

REPORT NO: 2

DATE: 08/21/12

SAMPLED BY: WYATT NADING

SAMPLE DATE: 8/20/2012



TEST RESULTS

MAX DRY DENSITY: 141.6 pcf

OPT WATER CONT: 7.9 %

REMARKS:

TOS 8/21

TESTED BY: AMBER BETTINGHOUSE

REVIEWED BY: TREVOR D. SHAHEEN, SMSI

ab - 557890



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 1 {1 of 2}

DATE: 08/20/12

| TEST NO | LOCATION SITE FILL - AREA 2 | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--------------------------------|-------------------------------------|---|-------------------------|----------------------------|---------------------------------|------------------------------------|------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 1 | 7' S of manhole | 5' | Fine/medium sand, trace silt, trace to some gravel, brown | 109.9 | 4.6 | 110.6 | 13.1 | 99.4 | 90.0 | |
| 2 | 15' S, 15' W of manhole | 5' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.5 | 6.6 | 110.6 | 13.1 | 98.1 | 90.0 | |
| 3 | 6' E of manhole | 4' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.6 | 3.7 | 110.6 | 13.1 | 98.2 | 90.0 | |
| 4 | 15' W of manhole | 3-1/2' | Fine/medium sand, trace silt, trace to some gravel, brown | 107.7 | 4.2 | 110.6 | 13.1 | 97.4 | 90.0 | |
| 5 | 6' S of manhole | 3-1/2' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.3 | 4.2 | 110.6 | 13.1 | 97.9 | 90.0 | |
| 6 | 9' S of manhole | 2-1/2' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.5 | 6.3 | 110.6 | 13.1 | 98.1 | 90.0 | |
| 7 | 8' N of manhole | 2-1/2' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.1 | 5.2 | 110.6 | 13.1 | 97.7 | 90.0 | |
| 8 | 20' N of manhole | 2' | Fine/medium sand, trace silt, trace to some gravel, brown | 105.5 | 5.5 | 110.6 | 13.1 | 95.4 | 90.0 | |
| 9 | 22' S of manhole | 2' | Fine/medium sand, trace silt, trace to some gravel, brown | 103.9 | 6.2 | 110.6 | 13.1 | 93.9 | 90.0 | |
| 10 | 16' W of manhole | 2' | Fine/medium sand, trace silt, trace to some gravel, brown | 108.0 | 6.1 | 110.6 | 13.1 | 97.6 | 90.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 14463 MS: 690 DS: 2001

REMARKS: Contractor used a vibratory roller on a bobcat to achieve compaction. The contractor and construction manager were informed of all field test results.

REPORTED BY: WYATT NADING

UNK - 557967

REVIEWED BY: GERARD P. MADEJ, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 1 {2 of 2}

DATE: 08/20/12

| TEST NO | LOCATION SITE FILL - AREA 2 | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--------------------------------|-------------------------------------|---|-------------------------|----------------------------|--|---------------------------------|------------------------------------|--|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | 20' W of manhole | 1" | Fine/medium sand, trace silt, trace to some gravel, brown | 106.3 | 4.8 | | 110.6 | 13.1 | | 96.1 | 90.0 |
| 12 | 30' N of manhole | 1" | Fine/medium sand, trace silt, trace to some gravel, brown | 106.0 | 5.5 | | 110.6 | 13.1 | | 95.8 | 90.0 |
| 13 | 7' E of manhole | 0" | Fine/medium sand, trace silt, trace to some gravel, brown | 105.9 | 6.2 | | 110.6 | 13.1 | | 95.8 | 90.0 |
| 14 | 25' N of manhole | 0" | Fine/medium sand, trace silt, trace to some gravel, brown | 106.7 | 6.1 | | 110.6 | 13.1 | | 96.5 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDO T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 14463 MS: 690 DS: 2001

REMARKS: See page 1 for remarks.

REPORTED BY: WYATT NADING
UNK - 557967

REVIEWED BY: GERARD P. MADEJ, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER: Arcadis
ARCHITECT/ENGINEER:
CONTRACTOR: K & D

SME JOB NO: PQ66214
REPORT NO: 2 {1 of 3}
DATE: 08/21/12

| TEST NO | LOCATION AREA 1 | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|-------------------------------------|--|-------------------------|----------------------------|---------------------------------|------------------------------------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | Floor sample 8 excavation - center of trench box | 14'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.2 | 4.8 | 110.8 | 13.1 | 93.1 | 90.0 |
| 2 | Floor sample 8 excavation - center of trench box | 13'4" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.4 | 4.8 | 110.8 | 13.1 | 93.3 | 90.0 |
| 3 | Floor sample 8 excavation - center of trench box | 12'8" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.4 | 4.7 | 110.8 | 13.1 | 93.3 | 90.0 |
| 4 | Floor sample 8 excavation - center of trench box | 12'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 104.5 | 4.8 | 110.8 | 13.1 | 94.3 | 90.0 |
| 5 | Floor sample 8 excavation - center of trench box | 11'4" | Fine/medium sand, trace to some gravel, trace silt, brown | 106.7 | 5.1 | 110.8 | 13.1 | 96.3 | 90.0 |
| 6 | Floor sample 8 excavation - center of trench box | 10'8" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.0 | 5.7 | 110.8 | 13.1 | 94.8 | 90.0 |
| 7 | Floor sample 8 excavation - center of trench box | 10'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 102.6 | 5.0 | 110.8 | 13.1 | 92.6 | 90.0 |
| 8 | Floor sample 8 excavation - center of trench box | 9'4" | Fine/medium sand, trace to some gravel, trace silt, brown | 104.8 | 5.1 | 110.8 | 13.1 | 94.6 | 90.0 |
| 9 | Floor sample 8 excavation - center of trench box | 8'8" | Fine/medium sand, trace to some gravel, trace silt, brown | 101.7 | 4.9 | 110.8 | 13.1 | 91.8 | 90.0 |
| 10 | Floor sample 8 excavation - center of trench box | 8'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 102.4 | 4.6 | 110.8 | 13.1 | 92.4 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 32460 MS: 670 DS: 2156

REMARKS: *Test elevations reference depth below existing grade in the area west of Location "Floor Sample 8". The contractor was informed of all field test results.

REPORTED BY: MICHAEL KAPETANSKY, EIT
UNK - 558916

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 2 {2 of 3}

DATE: 08/21/12

| TEST NO | LOCATION AREA 1 | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|-------------------------------------|---|-------------------------|----------------------------|---------------------------------|------------------------------------|------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | Floor sample 8 excavation - center of trench | 7'4" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.3 | 5.4 | 110.8 | 13.1 | 93.2 | 90.0 | |
| 12 | Floor sample 8 excavation - center of trench | 6'8" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.9 | 5.6 | 110.8 | 13.1 | 95.6 | 90.0 | |
| 13 | Floor sample 8 excavation - center of trench | 6'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.0 | 5.9 | 110.8 | 13.1 | 94.8 | 90.0 | |
| 14 | Floor sample 8 excavation - center of trench | 5'6" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.0 | 5.3 | 110.8 | 13.1 | 94.8 | 90.0 | |
| 15 | Floor sample 8 excavation - center of trench | 5'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.6 | 5.2 | 110.8 | 13.1 | 93.5 | 90.0 | |
| 16 | Floor sample 8 excavation - center of trench | 4'6" | Fine/medium sand, trace to some gravel, trace silt, brown | 106.7 | 5.8 | 110.8 | 13.1 | 96.3 | 90.0 | |
| 17 | 30' S of floor sample 8 excavation - center of trench | 5'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.7 | 5.4 | 110.8 | 13.1 | 95.4 | 90.0 | |
| 18 | 30' S of floor sample 8 excavation - center of trench | 4'6" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.6 | 5.4 | 110.8 | 13.1 | 95.3 | 90.0 | |
| 19 | 30' S of floor sample 8 excavation - center of trench | 4'0" | Fine/medium sand, trace to some gravel, trace silt, brown | 105.6 | 6.1 | 110.8 | 13.1 | 95.3 | 90.0 | |
| 20 | 30' S of floor sample 8 excavation - center of trench | 3'4" | Fine/medium sand, trace to some gravel, trace silt, brown | 103.7 | 6.0 | 110.8 | 13.1 | 93.6 | 90.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☐ NUCLEAR METER Serial No: MS: DS:

REMARKS: See page 1 for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT
UNK - 558916

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 2 {3 of 3}

DATE: 08/21/12

| TEST NO | LOCATION AREA 1 | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--|-------------------------------------|---|-------------------------|----------------------------|--|---------------------------------|------------------------------------|--|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 21 | 30' S of floor sample 8 excavation - center of trench | 2'8" | Fine/medium sand, trace some gravel, trace silt, brown | 103.0 | 5.6 | | 110.8 | 13.1 | | 93.0 | 90.0 |
| 22 | 30' S of floor sample 8 excavation - center of trench | 2'0" | Fine/medium sand, trace some gravel, trace silt, brown | 104.2 | 6.4 | | 110.8 | 13.1 | | 94.0 | 90.0 |
| 23 | 30' S of floor sample 8 excavation - center of trench | 1'4" | Fine/medium sand, trace some gravel, trace silt, brown | 106.6 | 6.6 | | 110.8 | 13.1 | | 96.2 | 90.0 |
| 24 | 20' E of the SW-most sanitary sewer | 4'8" | Fine/medium sand, trace some gravel, trace silt, brown | 107.9 | 6.3 | | 110.8 | 13.1 | | 97.4 | 90.0 |
| 25 | 20' E of the SW-most sanitary sewer | 4'0" | Fine/medium sand, trace some gravel, trace silt, brown | 105.5 | 5.1 | | 110.8 | 13.1 | | 95.2 | 90.0 |
| 26 | 20' E of the SW-most sanitary sewer | 3'4" | Fine/medium sand, trace some gravel, trace silt, brown | 106.1 | 5.9 | | 110.8 | 13.1 | | 95.8 | 90.0 |
| 27 | 20' E of the SW-most sanitary sewer | 2'8" | Fine/medium sand, trace some gravel, trace silt, brown | 106.5 | 5.7 | | 110.8 | 13.1 | | 96.1 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOTT-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☐ NUCLEAR METER Serial No: MS: DS:

REMARKS: See page 1 for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT
UNK - 558916

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER: Arcadis
ARCHITECT/ENGINEER:
CONTRACTOR: K & D

SME JOB NO: PQ66214
REPORT NO: 3 {1 of 3}
DATE: 08/22/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|-------------------------------------|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | 150' N, 18' E of SW property corner | 3.333' | Fine/medium sand, trace some gravel, trace silt, brown | 103.4 | 4.2 | 110.6 | 13.1 | 93.5 | 90.0 |
| 2 | 80' N, 15' E of SW property corner | 5' | Fine/medium sand, trace some gravel, trace silt, brown | 109.8 | 4.9 | 110.6 | 13.1 | 99.3 | 90.0 |
| 3 | 35' N, 25' E of SW property corner | 5' | Fine/medium sand, trace some gravel, trace silt, brown | 101.4 | 5.6 | 110.6 | 13.1 | 91.7 | 90.0 |
| 4 | 95' N, 5' E of SW property corner | 5' | Fine/medium sand, trace some gravel, trace silt, brown | 104.3 | 4.8 | 110.6 | 13.1 | 94.3 | 90.0 |
| 5 | Same location as Test #1 | 2.667' | Fine/medium sand, trace some gravel, trace silt, brown | 103.9 | 5.6 | 110.6 | 13.1 | 93.9 | 90.0 |
| 6 | Same location as Test #2 | 4.17' | Fine/medium sand, trace some gravel, trace silt, brown | 107.9 | 5.0 | 110.6 | 13.1 | 97.6 | 90.0 |
| 7 | Same location as Test #3 | 4.17' | Fine/medium sand, trace some gravel, trace silt, brown | 107.9 | 5.6 | 110.6 | 13.1 | 97.6 | 90.0 |
| 8 | Same location as Test #4 | 4.17' | Fine/medium sand, trace some gravel, trace silt, brown | 109.3 | 5.6 | 110.6 | 13.1 | 98.8 | 90.0 |
| 9 | Same location as Test #1 | 2.0' | Fine/medium sand, trace some gravel, trace silt, brown | 103.7 | 5.1 | 110.6 | 13.1 | 93.8 | 90.0 |
| 10 | Same location as Test #2 | 3.33' | Fine/medium sand, trace some gravel, trace silt, brown | 105.9 | 4.8 | 110.6 | 13.1 | 95.8 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 29120 MS: 694 DS: 2380

REMARKS: The contractor was informed of the above field test results.

REPORTED BY: IAN MCCREERY
UNK - 558228

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 3 {2 of 3}

DATE: 08/22/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|------------------------------|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | Same Location as Test #3 | 3.33' | Fine/medium sand, trace some gravel, trace silt, brown | 100.1 | 5.0 | 110.6 | 13.1 | 90.5 | 90.0 | |
| 12 | Same Location as Test #4 | 3.33' | Fine/medium sand, trace some gravel, trace silt, brown | 104.0 | 4.6 | 110.6 | 13.1 | 94.0 | 90.0 | |
| 13 | Same Location as Test #1 | 1.333' | Fine/medium sand, trace some gravel, trace silt, brown | 107.1 | 3.5 | 110.6 | 13.1 | 96.8 | 90.0 | |
| 14 | Same Location as Test #2 | 2.50' | Fine/medium sand, trace some gravel, trace silt, brown | 99.7 | 3.9 | 110.6 | 13.1 | 90.1 | 90.0 | |
| 15 | Same Location as Test #3 | 2.50' | Fine/medium sand, trace some gravel, trace silt, brown | 102.4 | 4.9 | 110.6 | 13.1 | 92.6 | 90.0 | |
| 16 | Same Location as Test #4 | 2.50' | Fine/medium sand, trace some gravel, trace silt, brown | 102.5 | 4.4 | 110.6 | 13.1 | 92.7 | 90.0 | |
| 17 | Same Location as Test #1 | 0.667' | Fine/medium sand, trace some gravel, trace silt, brown | 101.5 | 2.9 | 110.6 | 13.1 | 91.8 | 90.0 | |
| 18 | Same Location as Test #2 | 1.67' | Fine/medium sand, trace some gravel, trace silt, brown | 106.9 | 4.8 | 110.6 | 13.1 | 96.7 | 90.0 | |
| 19 | Same Location as Test #3 | 1.67' | Fine/medium sand, trace some gravel, trace silt, brown | 105.4 | 3.2 | 110.6 | 13.1 | 95.3 | 90.0 | |
| 20 | Same Location as Test #4 | 1.67' | Fine/medium sand, trace some gravel, trace silt, brown | 100.3 | 4.4 | 110.6 | 13.1 | 90.7 | 90.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 29120 MS: 694 DS: 2380

REMARKS: See page 1 for remarks.

REPORTED BY: IAN MCCREERY
UNK - 558228

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 3 {3 of 3}

DATE: 08/22/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 21 | Same location as Test #2 | 1.0' | Fine/medium sand, trace some gravel, trace silt, brown | 103.0 | 4.5 | 110.6 | 13.1 | 93.1 | 90.0 |
| 22 | Same location as Test #3 | 1.0' | Fine/medium sand, trace some gravel, trace silt, brown | 103.8 | 3.5 | 110.6 | 13.1 | 93.9 | 90.0 |
| 23 | Same location as Test #4 | 1.0' | Fine/medium sand, trace some gravel, trace silt, brown | 100.4 | 3.7 | 110.6 | 13.1 | 90.8 | 90.0 |
| 24 | 3' E of manhole in SW corner of property | 4' | Fine/medium sand, trace some gravel, trace silt, brown | 102.2 | 3.5 | 110.6 | 13.1 | 92.4 | 90.0 |
| 25 | 3' E of manhole in SW corner of property | 3.33' | Fine/medium sand, trace some gravel, trace silt, brown | 107.6 | 5.1 | 110.6 | 13.1 | 97.3 | 90.0 |
| 26 | 3' E of manhole in SW corner of property | 2.667' | Fine/medium sand, trace some gravel, trace silt, brown | 107.3 | 3.4 | 110.6 | 13.1 | 97.0 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 29120 MS: 694 DS: 2380

REMARKS: See page 1 for remarks.

REPORTED BY: IAN MCCREERY
UNK - 558228

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 4 {1 of 3}

DATE: 08/23/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|-------------------------------------|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|--|--|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | | |
| 1 | 150' N, 18' E of SW property corner | 8" | Fine/medium sand, trace some gravel, trace silt, brown | 109.0 | 3.3 | 110.6 | 13.1 | | | 98.6 | 90.0 |
| 2 | 80' N, 15' E of SW property corner | 8" | Fine/medium sand, trace some gravel, trace silt, brown | 102.2 | 3.9 | 110.6 | 13.1 | | | 92.4 | 90.0 |
| 3 | 35' N, 25' E of SW property corner | 8" | Fine/medium sand, trace some gravel, trace silt, brown | 103.3 | 3.1 | 110.6 | 13.1 | | | 93.4 | 90.0 |
| 4 | 95' N, 5' E of SW property corner | 8" | Fine/medium sand, trace some gravel, trace silt, brown | 102.9 | 3.1 | 110.6 | 13.1 | | | 93.0 | 90.0 |
| 5 | 135' N, 25' E of SW property corner | 3' | Fine/medium sand, trace some gravel, trace silt, brown | 101.6 | 3.5 | 110.6 | 13.1 | | | 91.9 | 90.0 |
| 6 | 100' N, 25' E of SW property corner | 3' | Fine/medium sand, trace some gravel, trace silt, brown | 102.4 | 3.3 | 110.6 | 13.1 | | | 92.6 | 90.0 |
| 7 | Same location as Test #1 | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 104.2 | 3.7 | 110.6 | 13.1 | | | 94.2 | 90.0 |
| 8 | Same location as Test #2 | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 104.4 | 3.1 | 110.6 | 13.1 | | | 94.4 | 90.0 |
| 9 | Same location as Test #3 | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 100.2 | 3.2 | 110.6 | 13.1 | | | 90.6 | 90.0 |
| 10 | Same location as Test #4 | 6" | Fine/medium sand, trace some gravel, trace silt, brown | 104.0 | 2.9 | 110.6 | 13.1 | | | 94.0 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 32460 MS: 673 DS: 2175

REMARKS: The contractor was informed of the above field test results.

REPORTED BY: IAN MCCREERY

UNK - 558327

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER: Arcadis
ARCHITECT/ENGINEER:
CONTRACTOR: K & D

SME JOB NO: PQ66214
REPORT NO: 4 {2 of 3}
DATE: 08/23/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | Same location as Test #5 | 2' | Fine/medium sand, trace some gravel, trace silt, brown | 100.8 | 4.5 | 110.6 | 13.1 | 91.1 | 90.0 | |
| 12 | Same location as Test #6 | 2' | Fine/medium sand, trace some gravel, trace silt, brown | 100.2 | 4.3 | 110.6 | 13.1 | 90.6 | 90.0 | |
| 13 | Same location as Test #5 | 1' | Fine/medium sand, trace some gravel, trace silt, brown | 100.6 | 4.7 | 110.6 | 13.1 | 91.0 | 90.0 | |
| 14 | Same location as Test #6 | 1' | Fine/medium sand, trace some gravel, trace silt, brown | 100.4 | 3.9 | 110.6 | 13.1 | 90.8 | 90.0 | |
| 15 | Same location as Test #5 | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 103.0 | 3.1 | 110.6 | 13.1 | 93.1 | 90.0 | |
| 16 | Same location as Test #6 | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 102.6 | 4.3 | 110.6 | 13.1 | 92.8 | 90.0 | |
| 17 | 18' E of manhole near SW corner of property | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 103.7 | 3.6 | 110.6 | 13.1 | 93.8 | 90.0 | |
| 18 | 8' S, 10' E of manhole near SW corner of property (slope on S side) | 4.5' | Fine/medium sand, trace some gravel, trace silt, brown | 103.4 | 3.8 | 110.6 | 13.1 | 93.5 | 90.0 | |
| 19 | Same location as Test #18 | 3.5' | Fine/medium sand, trace some gravel, trace silt, brown | 101.2 | 3.2 | 110.6 | 13.1 | 91.5 | 90.0 | |
| 20 | 10' S, 4' W of manhole near SW corner of property (slope on S side) | 2.5' | Fine/medium sand, trace some gravel, trace silt, brown | 101.9 | 3.7 | 110.6 | 13.1 | 92.1 | 90.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☐ NUCLEAR METER Serial No: 32460 MS: 673 DS: 2175

REMARKS: See page 1 for remarks.

REPORTED BY: IAN MCCREERY
UNK - 558327

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 4 {3 of 3}

DATE: 08/23/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 21 | 8' W, 4' S of manhole near SW property corner (slope on S side) | 3.5' | Fine/medium sand, trace some gravel, trace silt, brown | 102.3 | 3.8 | 110.6 | 13.1 | 110.6 | 13.1 | 92.5 | 90.0 |
| 22 | Same location as Test #18 | 1.5' | Fine/medium sand, trace some gravel, trace silt, brown | 99.6 | 4.3 | 110.6 | 13.1 | 110.6 | 13.1 | 90.1 | 90.0 |
| 23 | Same location as Test #21 | 2.5' | Fine/medium sand, trace some gravel, trace silt, brown | 101.1 | 3.6 | 110.6 | 13.1 | 110.6 | 13.1 | 91.4 | 90.0 |
| 24 | Same location as Test #21 | 1.5' | Fine/medium sand, trace some gravel, trace silt, brown | 99.6 | 4.1 | 110.6 | 13.1 | 110.6 | 13.1 | 90.1 | 90.0 |
| 25 | Same location as Test #21 | 0.5' | Fine/medium sand, trace some gravel, trace silt, brown | 101.2 | 3.4 | 110.6 | 13.1 | 110.6 | 13.1 | 91.5 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUMEASURE ☒ NUCLEAR METER Serial No: 32460 MS: 673 DS: 2175

REMARKS: See page 1 for remarks.

REPORTED BY: IAN MCCREERY
UNK - 558327

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: Arcadis

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 5

DATE: 08/24/12

| TEST NO | LOCATION | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|----------------------------|--|-------------------|----------------------|---------------------------|------------------------------|--|--|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | | |
| 1 | 95' N, 5' E of SW property corner | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 105.1 | 2.6 | 110.6 | 13.1 | | | 95.0 | 90.0 |
| 2 | 8' S of manhole near SW property corner | 3' | Fine/medium sand, trace some gravel, trace silt, brown | 99.7 | 4.6 | 110.6 | 13.1 | | | 90.1 | 90.0 |
| 3 | 6' E of manhole near SW property corner | 2.667' | Fine/medium sand, trace some gravel, trace silt, brown | 103.6 | 3.4 | 110.6 | 13.1 | | | 93.7 | 90.0 |
| 4 | 6' E of manhole near SW property corner | 2.0' | Fine/medium sand, trace some gravel, trace silt, brown | 103.3 | 3.8 | 110.6 | 13.1 | | | 93.4 | 90.0 |
| 5 | 6' E of manhole near SW property corner | 1.333' | Fine/medium sand, trace some gravel, trace silt, brown | 102.9 | 3.8 | 110.6 | 13.1 | | | 93.0 | 90.0 |
| 6 | 6' E of manhole near SW property corner | 0.667' | Fine/medium sand, trace some gravel, trace silt, brown | 101.4 | 3.6 | 110.6 | 13.1 | | | 91.7 | 90.0 |
| 7 | 6' E of manhole near SW property corner | 0'0" | Fine/medium sand, trace some gravel, trace silt, brown | 106.0 | 3.7 | 110.6 | 13.1 | | | 95.8 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 32460 MS: 661 DS: 2155

REMARKS: The contractor was informed of the above field test results.

REPORTED BY: IAN MCCREERY

UNK - 558532

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: KELSEY HAYES SITE REMEDIATION

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER:

ARCHITECT/ENGINEER:

CONTRACTOR: K & D

SME JOB NO: PQ66214

REPORT NO: 6

DATE: 08/30/12

| TEST NO | LOCATION EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--|-------------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | 18' N, 21' W of manhole in SW corner of site | 0' | F/M sa, tr/so grv, tr si, br | 104.0 | 3.8 | 110.6 | 13.1 | 94.0 | 90.0 |
| 2 | 9' S, 42' W of manhole in SW corner of site | 0' | F/M sa, tr/so grv, tr si, br | 104.2 | 4.0 | 110.6 | 13.1 | 94.2 | 90.0 |
| 3 | Retest #2 | 0' | F/M sa, tr/so grv, tr si, br | 99.8 | 3.9 | 110.6 | 13.1 | 90.2 | 90.0 |
| 4 | 35' S of manhole in SW corner of site | 0' | F/M sa, tr/so grv, tr si, br | 101.8 | 4.8 | 110.6 | 13.1 | 92.0 | 90.0 |
| 5 | 30' E, 24' S of manhole in SW corner of site | 0' | F/M sa, tr/so grv, tr si, br | 106.1 | 4.3 | 110.6 | 13.1 | 95.9 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17653 MS: 681 DS: 2337

REMARKS: The contractor was informed of the above field test results.

REPORTED BY: JEREMY DUSTON

dm - 559066

REVIEWED BY: MATTHEW BERTUCCI, PE



TRANSMITTAL

Date: 11/05/2013

☒ 43980 Plymouth Oaks Blvd,
Plymouth, MI 48170-2584
Phone: (734) 454-9900
Fax: (734) 454-0629

To: Stephen Young
K & D Industrial Services
30105 Berverly Rd
Romulus, MI 48174

☐ 1501 West Thomas Street
Bay City, MI 48706-3299
Phone: (989) 684-6050
Fax: (989) 684-0210

☐ 4705 Clyde Park Ave. SW
Grand Rapids, MI 49509-5114
Phone: (616) 406-1756
Fax: (616) 406-1749

☐ 3301 Tech Circle Drive
Kalamazoo, MI 49008-5611
Phone: (269) 323-3555
Fax: (269) 323-3553

☐ 2663 Eaton Rapids Rd
Lansing, MI 48911-6310
Phone: (517) 887-9181
Fax: (517) 887-2666

Re: **Project:** FORMER KELSEY HAYES SITE
Location: MILFORD, MI
SME Project No: PQ66214A

☐ 13019 Pauline Drive
Shelby Twp., MI 48315-3122
Phone: (586) 731-3100
Fax: (586) 731-3582

☐ 733 East Eighth Street, Ste. 102
Traverse City, MI 49686-265
Phone: (231-941-5200
Fax: (231) 941-5259

Remarks:

☐ 5847 W. 74th Street
Indianapolis, IN 46278-1757
Phone: (317) 876-0200
Fax: (317) 876-0300

☐ 415 Tomahawk Drive
Maumee, OH 43537-1633
Phone: (419) 897-0409
Fax: (419) 897-0429

We are transmitting herewith 1 copies of:

- Report of Density-In-Place Test: 1-5
- Field Observation Report: 1

Distribution:

Stephey Young - syoung@kdigroup.com

Very truly yours,
SOIL AND MATERIALS ENGINEERS, INC.

TREVOR D. SHAHEEN, SMSI



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 1

DATE: 10/17/13

| TEST NO | LOCATION Contaminated Soil Excavations Backfill | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|-------------------------------------|--|-------------------------|----------------------------|--|---------------------------------|------------------------------------|--|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 1 | 12' W of the hydrant at Prospect Hill slope | 0'-8" | Fine to medium sand, trace to some gravel, trace silt, brown | 100.9 | 5.3 | | 110.6 | 13.1 | | 91.2 | 90.0 |
| 2 | West face, northern most erosional gully (Gully #3) | 0'-0" | Fine to medium sand, trace to some gravel, trace silt, brown | 106.2 | 4.7 | | 110.6 | 13.1 | | 96.0 | 90.0 |
| 3 | West face, southern most erosional gully (Gully #2) | 0'-0" | Fine to medium sand, trace to some gravel, trace silt, brown | 104.1 | 4.9 | | 110.6 | 13.1 | | 94.1 | 90.0 |
| 4 | South Face, erosional gully (Gully #1) | 0'-0" | Fine to medium sand, trace to some gravel, trace silt, brown | 106.4 | 5.8 | | 110.6 | 13.1 | | 96.2 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER - Serial No: 17365 MS: 676 DS: 2275

REMARKS: Steve with K&D was informed of the field test results. The contractor used a Bomag BP 10/36-2 plate compactor and/or the steel tracks of a John Deere 450J Bulldozer to compact the material, which was placed and compacted in 8" to 12" lifts.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 2

DATE: 10/18/13

| TEST NO | LOCATION BACKFILL OF AREA ADJACENT TRAIN TRACKS - WEST SIDE | ELEVATION: SEE REMARKS | DESCRIPTION | FIELD | | LABORATORY | | | SPEC REQUIRED |
|---------|--|------------------------------|--------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | % OF MAXIMUM DRY DENSITY | |
| 1 | Haz box (1) - 3' N of the center of the trench box | 945.7' | F/M sand, tr/so grv, tr si, br | 102.9 | 9.1 | 110.6 | 13.1 | 93.0 | 90.0 |
| 2 | Haz box (1) - 3' S of the center of the trench box | 946.4' | F/M sand, tr/so grv, tr si, br | 110.2 | 9.0 | 110.6 | 13.1 | 99.6 | 90.0 |
| 3 | Haz box (1) - 3' W of the center of the trench box | 947.1' | F/M sand, tr/so grv, tr si, br | 108.2 | 5.3 | 110.6 | 13.1 | 97.8 | 90.0 |
| 4 | Haz box (2) 3' N of the center of the trench box | 948.7' | F/M sand, tr/so grv, tr si, br | 100.0 | 8.8 | 110.6 | 13.1 | 90.4 | 90.0 |
| 5 | Haz box (2) 3' S of the center of the trench box | 949.3' | F/M sand, tr/so grv, tr si, br | 107.2 | 6.6 | 110.6 | 13.1 | 96.9 | 90.0 |
| 6 | Haz box (1) 3' S of the center of the trench box | 947.7' | F/M sand, tr/so grv, tr si, br | 101.1 | 6.3 | 110.6 | 13.1 | 91.4 | 90.0 |
| 7 | Haz box (1) 3' N of the center of the trench box | 948.4' | F/M sand, tr/so grv, tr si, br | 109.2 | 7.5 | 110.6 | 13.1 | 98.7 | 90.0 |
| 8 | 12' W, 4' S of the hydrant at Prospect Hill slope | 0'0"* | F/M sand, tr/so grv, tr si, br | 105.5 | 6.9 | 110.6 | 13.1 | 95.4 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 667 DS: 2278

REMARKS: *Depth below grade

The elevations listed are based on the contractor's laser level with the established bottom of excavation of each trench box as follows - Haz Box 1: 945.08'; Haz box 2: 947.99'. Individual lifts were not surveyed and the listed test elevations represent approximate elevations of each test. The fill was placed and compacted at 8-inch lift thicknesses. The material was compacted using a large bi-directional plate compactor equipment with a Honda GX270 motor. The contractor was informed of the field test results.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE

dm - 588650



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 3 {1 of 2}

DATE: 10/21/13

| TEST NO | LOCATION Backfill of Hazardous Removal Area: West Side of CSX Train Tracks | Elevations: See Remarks | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|-------------------------|--|-------------------|----------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | Haz Box 4 | 945.1' | Fine to medium sand, trace to some gravel, trace silt, brown | 101.3 | 12.3 | 110.6 | 13.1 | 91.6 | 90.0 |
| 2 | Haz Box 4 | 945.8' | Fine to medium sand, trace to some gravel, trace silt, brown | 104.2 | 9.3 | 110.6 | 13.1 | 94.2 | 90.0 |
| 3 | Haz Box 4 | 946.4' | Fine to medium sand, trace to some gravel, trace silt, brown | 105.3 | 9.8 | 110.6 | 13.1 | 95.2 | 90.0 |
| 4 | Haz Box 2 | 950.0' | Fine to medium sand, trace to some gravel, trace silt, brown | 102.3 | 12.4 | 110.6 | 13.1 | 92.5 | 90.0 |
| 5 | Haz Box 2 | 950.4' | Fine to medium sand, trace to some gravel, trace silt, brown | 104.5 | 10.1 | 110.6 | 13.1 | 94.5 | 90.0 |
| 6 | Haz Box 2 | 951.1' | Fine to medium sand, trace to some gravel, trace silt, brown | 109.2 | 9.3 | 110.6 | 13.1 | 98.7 | 90.0 |
| 7 | Haz Box 1 | 949.1' | Fine to medium sand, trace to some gravel, trace silt, brown | 105.0 | 9.2 | 110.6 | 13.1 | 94.9 | 90.0 |
| 8 | Haz Box 1 | 949.8' | Fine to medium sand, trace to some gravel, trace silt, brown | 106.6 | 8.2 | 110.6 | 13.1 | 96.4 | 90.0 |
| 9 | Haz Box 1 | 950.4' | Fine to medium sand, trace to some gravel, trace silt, brown | 107.7 | 8.3 | 110.6 | 13.1 | 97.4 | 90.0 |
| 10 | Haz Box 1 | 951.1' | Fine to medium sand, trace to some gravel, trace silt, brown | 106.3 | 9.1 | 110.6 | 13.1 | 96.1 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER - Serial No: 17365 MS: 666 DS: 2253

REMARKS: For more information about the backfilling operations and test locations, please refer to the Field Observation Report dated 10/21/13. The contractor (including Steve Young with K&D) was informed of our field test results.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE

rmt - 589124



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 3 {2 of 2}

DATE: 10/21/13

| TEST NO | LOCATION Backfill of Hazardous Removal Area: West Side of CSX Train Tracks | Elevations: See Remarks | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---|-------------------------|---|-------------------|----------------------|--|---------------------------|------------------------------|--|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | Haz Box 4 | 947.1' | Fine to medium sand, trace to some grave, trace silt, brown | 106.2 | 10.7 | | 110.6 | 13.1 | | 96.0 | 90.0 |
| 12 | Haz Box 4 | 947.8' | Fine to medium sand, trace to some grave, trace silt, brown | 107.6 | 10.5 | | 110.6 | 13.1 | | 97.3 | 90.0 |
| 13 | Haz Box 4 | 948.4' | Fine to medium sand, trace to some grave, trace silt, brown | 104.3 | 7.4 | | 110.6 | 13.1 | | 94.3 | 90.0 |
| 14 | Haz Box 4 | 949.1' | Fine to medium sand, trace to some grave, trace silt, brown | 106.8 | 12.0 | | 110.6 | 13.1 | | 96.5 | 90.0 |
| 5 | Haz Box 4 | 949.8' | Fine to medium sand, trace to some grave, trace silt, brown | 107.6 | 11.1 | | 110.6 | 13.1 | | 97.3 | 90.0 |
| 16 | Haz Box 4 | 950.4' | Fine to medium sand, trace to some grave, trace silt, brown | 108.9 | 8.5 | | 110.6 | 13.1 | | 98.4 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER - Serial No: 17365 MS: 666 DS: 2253

REMARKS: See page one for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

dm - 589124

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 4 {1 of 2}

DATE: 10/28/13

| TEST NO | LOCATION CONTAMINATED SOIL EXCAVATION BACKFILL | ELEVATION: SEE REMARKS | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--|------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | 15' x 15' excavation - SW of Haz Box 5 | -6'4" | F/M sa, tr/so grv, tr si, br | 106.6 | 9.0 | 110.6 | 13.1 | 96.4 | 90.0 |
| 2 | 15' x 15' excavation - SW of Haz Box 5 | -5'8" | F/M sa, tr/so grv, tr si, br | 105.7 | 8.2 | 110.6 | 13.1 | 95.6 | 90.0 |
| 3 | 15' x 15' excavation - SW of Haz Box 5 | -5'0" | F/M sa, tr/so grv, tr si, br | 110.3 | 6.1 | 110.6 | 13.1 | 99.7 | 90.0 |
| 4 | 15' x 15' excavation - SW of Haz Box 5 | -4'4" | F/M sa, tr/so grv, tr si, br | 105.5 | 8.1 | 110.6 | 13.1 | 95.4 | 90.0 |
| 5 | 15' x 15' excavation - SW of Haz Box 5 | -3'8" | F/M sa, tr/so grv, tr si, br | 107.3 | 8.7 | 110.6 | 13.1 | 97.0 | 90.0 |
| 6 | 15' x 15' excavation - SW of Haz Box 5 | -3'0" | F/M sa, tr/so grv, tr si, br | 108.7 | 5.7 | 110.6 | 13.1 | 98.3 | 90.0 |
| 7 | 15' x 15' excavation - SW of Haz Box 5 | -2'4" | F/M sa, tr/so grv, tr si, br | 106.5 | 9.8 | 110.6 | 13.1 | 96.3 | 90.0 |
| 8 | 15' x 15' excavation - SW of Haz Box 5 | -1'8" | F/M sa, tr/so grv, tr si, br | 107.7 | 8.8 | 110.6 | 13.1 | 97.4 | 90.0 |
| 9 | 15' x 15' excavation - SW of Haz Box 5 | -1'0" | F/M sa, tr/so grv, tr si, br | 108.5 | 7.3 | 110.6 | 13.1 | 98.1 | 90.0 |
| 10 | 15' x 15' excavation - SW of Haz Box 5 | -0'6" | F/M sa, tr/so grv, tr si, br | 109.0 | 6.9 | 110.6 | 13.1 | 98.6 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 681 DS: 2268

REMARKS: For more information about the backfilling operation and test locations, please refer to the Field Observation Report dated 10/21/13. The contractor (including Steve Young with K & D) was informed of our field test results. Elevation data was not available for the 15'x15' excavation area SW of Haz Box 5, so measurements were taken by SME from the existing ground surface.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE

dm - 589126



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 4 {2 of 2}

DATE: 10/28/13

| TEST NO | LOCATION CONTAMINATED SOIL EXCAVATION BACKFILL | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|--|-------------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | 15'x15' excavation - SW of Haz Box 5 | 0'0" | F/M sa, tr/so grv, tr si, br | 107.4 | 6.3 | 110.6 | 13.1 | 97.1 | 90.0 | |
| 12 | Haz Box 1 (near center of box) | 951.8' | F/M sa, tr/so grv, tr si, br | 107.2 | 10.9 | 110.6 | 13.1 | 96.9 | 90.0 | |
| 13 | Haz Box 1 (near center of box) | 952.4' | F/M sa, tr/so grv, tr si, br | 108.1 | 9.8 | 110.6 | 13.1 | 97.7 | 90.0 | |
| 14 | Haz Box 1 (near center of box) | 953.1' | F/M sa, tr/so grv, tr si, br | 109.8 | 7.9 | 110.6 | 13.1 | 99.3 | 90.0 | |
| 15 | Haz Box 2 (near center of box) | 953.8' | F/M sa, tr/so grv, tr si, br | 108.8 | 8.4 | 110.6 | 13.1 | 98.4 | 90.0 | |
| 16 | Haz Box 2 (near center of box) | 954.4' | F/M sa, tr/so grv, tr si, br | 107.7 | 9.1 | 110.6 | 13.1 | 97.4 | 90.0 | |
| 17 | Haz Box 2 (near center of box) | 955.0' | F/M sa, tr/so grv, tr si, br | 106.4 | 7.4 | 110.6 | 13.1 | 96.2 | 90.0 | |
| 18 | Gravel fill in parking lot: Area 2 | Aggregate Base | Crushed natural stone | 137.5 | 4.1 | 141.6 | 7.9 | 97.1 | 95.0 | |
| 19 | Gravel fill in parking lot: Area 3 near center of N half | Aggregate Base | Crushed natural stone | 136.8 | 3.4 | 141.6 | 7.9 | 96.6 | 95.0 | |
| 20 | Gravel fill in parking lot: Area 3 near center of S half | Aggregate Base | Crushed natural stone | 138.1 | 4.0 | 141.6 | 7.9 | 97.5 | 95.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 681 DS: 2268

REMARKS: See page 1 for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE

dm - 589126



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 5 {1 of 2}

DATE: 10/30/13

| TEST NO | LOCATION | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|---------------|----------------------------|------------------------------|-------------------|----------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 1 | Non-Haz Box 1 | 6'8" | F/M sa, tr/so grv, tr si, br | 105.6 | 9.0 | 110.6 | 13.1 | 95.5 | 95.0 |
| 2 | Non-Haz Box 1 | 6'0" | F/M sa, tr/so grv, tr si, br | 105.3 | 6.3 | 110.6 | 13.1 | 95.2 | 95.0 |
| 3 | Non-Haz Box 1 | 5'4" | F/M sa, tr/so grv, tr si, br | 106.6 | 6.3 | 110.6 | 13.1 | 96.4 | 95.0 |
| 4 | Non-Haz Box 1 | 4'8" | F/M sa, tr/so grv, tr si, br | 107.6 | 5.4 | 110.6 | 13.1 | 97.3 | 95.0 |
| 5 | Non-Haz Box 1 | 4'0" | F/M sa, tr/so grv, tr si, br | 105.8 | 7.7 | 110.6 | 13.1 | 95.7 | 95.0 |
| 6 | Non-Haz Box 1 | 3'4" | F/M sa, tr/so grv, tr si, br | 107.7 | 6.7 | 110.6 | 13.1 | 97.4 | 95.0 |
| 7 | Non-Haz Box 2 | 2'8" | F/M sa, tr/so grv, tr si, br | 108.6 | 7.1 | 110.6 | 13.1 | 98.2 | 95.0 |
| 8 | Non-Haz Box 2 | 2'0" | F/M sa, tr/so grv, tr si, br | 106.8 | 6.9 | 110.6 | 13.1 | 96.6 | 95.0 |
| 9 | Non-Haz Box 2 | 1'4" | F/M sa, tr/so grv, tr si, br | 105.8 | 6.2 | 110.6 | 13.1 | 95.7 | 95.0 |
| 10 | Non-Haz Box 2 | 0'8" | F/M sa, tr/so grv, tr si, br | 109.5 | 7.2 | 110.6 | 13.1 | 99.0 | 95.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 678 DS: 2264

REMARKS: For more information about the backfill and compaction operation and test locations, please refer to the Field Observation Report dated 10/21/13. The contractor (including Steve Young with K & D) was informed of our field test results.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

REVIEWED BY: MATTHEW BERTUCCI, PE

dm - 589603



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 5 {2 of 2}

DATE: 10/30/13

| TEST NO | LOCATION | DEPTH BELOW FINAL SUBGRADE | DESCRIPTION | FIELD | | LABORATORY | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|------------------|----------------------------|-----------------------------|-------------------|----------------------|---------------------------|------------------------------|--------------------------|---------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 11 | Non-Hax Box 2 | 0'0" | FM sa, tr/so grv, tr si, br | 107.2 | 8.2 | 110.6 | 13.1 | 96.9 | 95.0 |
| 12 | Area 1 - S slope | 0'0" | FM sa, tr/so grv, tr si, br | 101.4 | 9.3 | 110.6 | 13.1 | 91.7 | 90.0 |
| 13 | Area 1 - W slope | 0'0" | FM sa, tr/so grv, tr si, br | 102.1 | 8.1 | 110.6 | 13.1 | 92.3 | 90.0 |
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Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 678 DS: 2264

REMARKS: See page 1 for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI

dm - 589603

REVIEWED BY: MATTHEW BERTUCCI, PE



Field Observation Report

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K & D Services Company

TYPE OF WORK: Hazardous Removal Backfill

SME JOB NO: PQ66214A

REPORT NO: 1

DATE: 10/21/13

WEATHER: 45° to 55° F,
Overcast with Occ. Lt. Rain

SUMMARY OF FIELD OBSERVATIONS

SME returned to the project site today to continue providing in-situ density testing on the backfill being placed and compacted for the hazardous material removal/excavation. The work is taking place along the west side of the CSX train tracks located along the east side of the site. During our visit, we observed the following:

- The contractor placed fill lifts in thicknesses of a maximum of about 8".
- The area where material was being placed was beyond a 1:1 zone of influence from the closest rail of the adjacent railroad track.
- The contractor used a large, bi-directional plate compactor equipped with a Honda GX270 motor and the bucket of a John Deere 350D Excavator to compact the 8" thick lifts.
- The elevations reported on our Report of Density-in-Place Tests (for example, 945.1', 950.4' etc.) are based on the contractor's laser level and represent approximate elevations. The elevation was not reported to SME by the contractor at each test interval.
- The location designations (eg. Haz Box 1, Haz Box 2, etc.) were provided to SME by Steve Young, site superintendent with K & D. An illustration which shows the appropriate location of the excavations is attached to this report.

NOTE: SME used the specifications available on site to determine that 90.0% compaction was required. Each time, SME had to dig a hole to test deeper lifts, we saw a slight drop in compaction percentage indicated by the nuclear density gauge. SME assumes that this may have been in part due to our disturbance of the tested area from the action of digging a hole and leveling a test area.

REPORTED BY: MICHAEL KAPETANSKY, EIT,

REVIEWED BY: GERARD P. MADEJ, PE

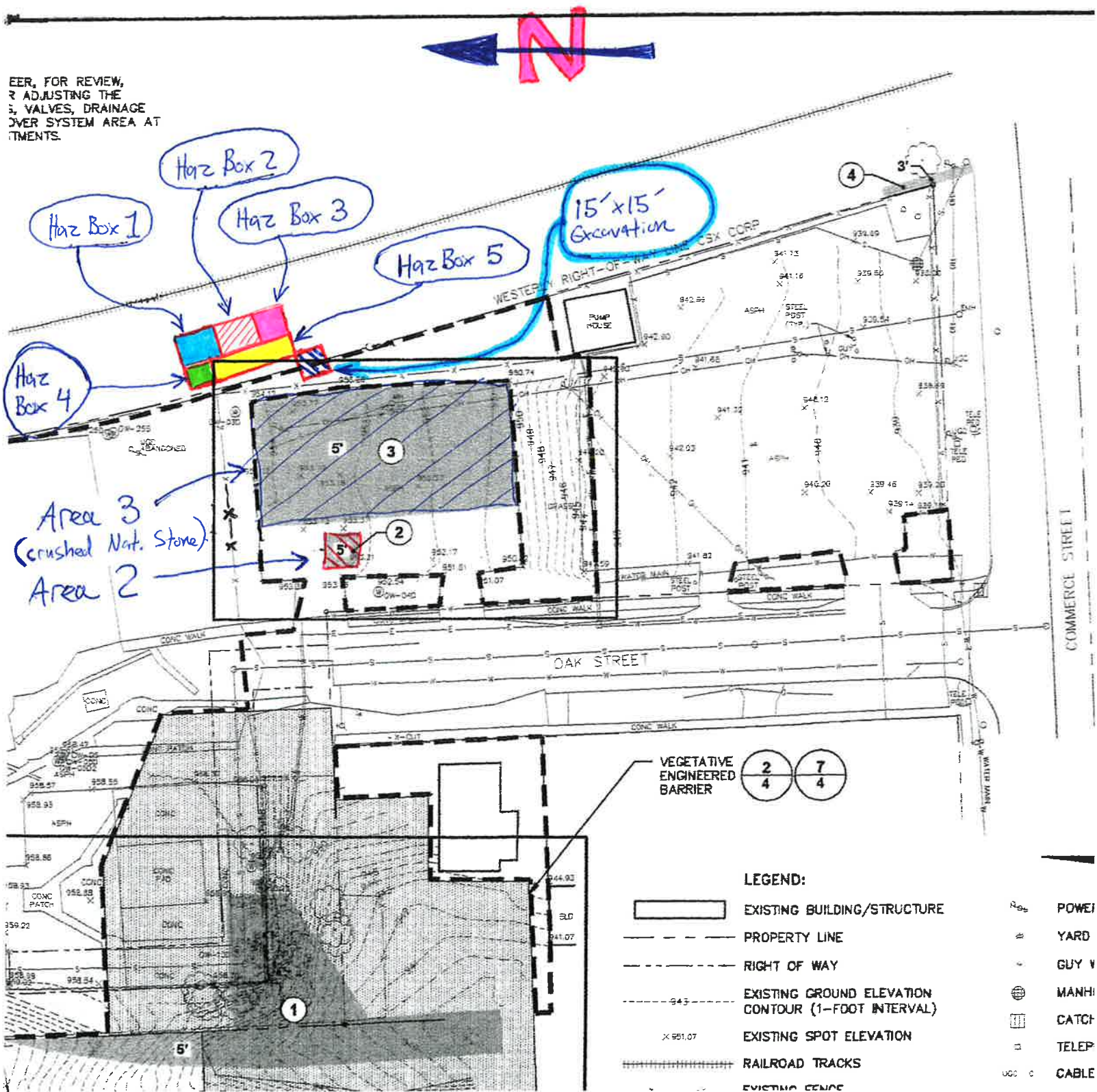
SMS
am 389125

Location: Milford, MI

SME JOB #:066214.01

Date: 10/21/13

Approximate Location Diagram: Field Observation Report Attachment





TRANSMITTAL OF SUBCONTRACTOR'S SUBMITTAL

(ATTACH TO EACH SUBMITTAL)

TO: ARCADIS G&M of Michigan, LLC
28550 Cabot Drive
Suite 500
Novi, Michigan 48377

FROM: K&D Industries, Inc.
Subcontractor
2962 Venture Drive
Midland, Michigan 48640
syoun@kdigroup.com

SUBMITTAL TYPE: ☐ Shop Drawing
☐ Deferred

DATE: 11/29/13

Submittal No.: 13.0

☒ New Submittal ☐ Resubmittal

Project: Former Kelsey Hayes Site

Project No.: MI000941.0023.00006

Specification Section No.: Sheet 6, Table 1

(Cover only the one section with each transmittal)

Schedule Date of Submittal:

☐ Sample ☒ Informational

The following items are hereby submitted:

| Number of Copies | Description of Item Submitted (Type, Size, Model Number, Etc.) | Spec. and Para. No. | Drawing or Brochure Number | Contains Variation to Contract | |
|------------------|--|---------------------|----------------------------|--------------------------------|-----|
| | | | | No | Yes |
| 1 | Report of Density in Place Tests | Table 1 | Sheet 6 | X | |
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By: 



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER: K&D Service Co.
ARCHITECT/ENGINEER: Arcadis
CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A
REPORT NO: 6 {1 of 3}
DATE: 11/06/13

| TEST NO | LOCATION | ELEVATION; SEE REMARKS | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|----------------------|------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 1 | Non TSCA 10' x 20' | 949.1' | F/M sa, tr/so grv, tr si, br | 109.0 | 11.5 | 110.6 | 13.1 | 98.6 | 90.0 | |
| 2 | Non TSCA 10' x 20' | 949.8' | F/M sa, tr/so grv, tr si, br | 109.5 | 11.3 | 110.6 | 13.1 | 99.0 | 90.0 | |
| 3 | Non TSCA 10' x 20' | 950.5' | F/M sa, tr/so grv, tr si, br | 107.4 | 11.0 | 110.6 | 13.1 | 97.1 | 90.0 | |
| 4 | Non TSCA 10' x 20' | 951.1' | F/M sa, tr/so grv, tr si, br | 108.1 | 9.2 | 110.6 | 13.1 | 97.7 | 90.0 | |
| 5 | Non TSCA 10' x 20' | 951.8' | F/M sa, tr/so grv, tr si, br | 107.3 | 10.4 | 110.6 | 13.1 | 97.0 | 90.0 | |
| 6 | Non TSCA 10' x 20' | 952.5' | F/M sa, tr/so grv, tr si, br | 109.9 | 11.3 | 110.6 | 13.1 | 99.4 | 90.0 | |
| 7 | Non TSCA 10' x 20' | 953.1' | F/M sa, tr/so grv, tr si, br | 107.2 | 10.5 | 110.6 | 13.1 | 96.9 | 90.0 | |
| 8 | Non TSCA 10' x 20' | 953.8' | F/M sa, tr/so grv, tr si, br | 110.0 | 10.8 | 110.6 | 13.1 | 99.5 | 90.0 | |
| 9 | Non TSCA Trapezoidal | 943.9' | F/M sa, tr/so grv, tr si, br | 108.5 | 10.3 | 110.6 | 13.1 | 98.1 | 90.0 | |
| 10 | Non TSCA Trapezoidal | 944.6' | F/M sa, tr/so grv, tr si, br | 106.4 | 10.0 | 110.6 | 13.1 | 96.2 | 90.0 | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☒ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 681 DS: 2288

REMARKS: For more information about the backfill operation and test locations, please refer to the Field Observation Report dated 10/21/13. The contractor (including Steve Young with K & D) was informed of our field test results. A location diagram illustrating today's location is attached to this report.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI
REVIEWED BY: MATTHEW BERTUCCI, PE
UNK - 591782



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONSTRUCTION MANAGER: K&D Service Co.

ARCHITECT/ENGINEER: Arcadis

CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A

REPORT NO: 6 {2 of 3}

DATE: 11/06/13

| TEST NO | LOCATION | ELEVATION; SEE REMARKS | DESCRIPTION | FIELD | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|----------------------|------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|-------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | | |
| 11 | Non TSCA Trapezoidal | 945.3' | F/M sa, tr/so grv, tr si, br | 106.8 | 11.2 | 110.6 | 13.1 | 110.6 | 96.6 | 90.0 |
| 12 | Non TSCA Trapezoidal | 945.9' | F/M sa, tr/so grv, tr si, br | 105.9 | 12.3 | 110.6 | 13.1 | 110.6 | 95.8 | 90.0 |
| 13 | Non TSCA Trapezoidal | 946.6' | F/M sa, tr/so grv, tr si, br | 106.0 | 11.7 | 110.6 | 13.1 | 110.6 | 95.8 | 90.0 |
| 14 | Non TSCA Trapezoidal | 947.3' | F/M sa, tr/so grv, tr si, br | 108.8 | 9.9 | 110.6 | 13.1 | 110.6 | 98.4 | 90.0 |
| 15 | Non TSCA Trapezoidal | 947.9' | F/M sa, tr/so grv, tr si, br | 107.7 | 9.7 | 110.6 | 13.1 | 110.6 | 97.4 | 90.0 |
| 16 | Non TSCA Trapezoidal | 948.6' | F/M sa, tr/so grv, tr si, br | 107.2 | 10.5 | 110.6 | 13.1 | 110.6 | 96.9 | 90.0 |
| 17 | Non TSCA Trapezoidal | 949.3' | F/M sa, tr/so grv, tr si, br | 108.3 | 11.0 | 110.6 | 13.1 | 110.6 | 97.9 | 90.0 |
| 18 | Non TSCA Trapezoidal | 949.9' | F/M sa, tr/so grv, tr si, br | 109.8 | 9.9 | 110.6 | 13.1 | 110.6 | 99.3 | 90.0 |
| 19 | Non TSCA Trapezoidal | 950.6' | F/M sa, tr/so grv, tr si, br | 107.3 | 10.4 | 110.6 | 13.1 | 110.6 | 97.0 | 90.0 |
| 20 | Non TSCA Trapezoidal | 951.0' | F/M sa, tr/so grv, tr si, br | 110.2 | 10.1 | 110.6 | 13.1 | 110.6 | 99.6 | 90.0 |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99

Method of Test: ☐ SAND CONE ☒ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 681 DS: 2288

REMARKS: See page 1 for remarks.

REPORTED BY: MICHAEL KAPETANSKY, EIT, SMSI
UNK - 591782

REVIEWED BY: MATTHEW BERTUCCI, PE



Report Of Density-In-Place Tests

PROJECT: FORMER KELSEY HAYES SITE
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER: K&D Service Co.
ARCHITECT/ENGINEER: Arcadis
CONTRACTOR: K&D Service Co.

SME JOB NO: PQ66214A
REPORT NO: 6 {3 of 3}
DATE: 11/06/13

| TEST NO | LOCATION | ELEVATION; SEE REMARKS | DESCRIPTION | FIELD | | | LABORATORY | | | % OF MAXIMUM DRY DENSITY | SPEC REQUIRED |
|---------|----------|------------------------------|------------------------------|-------------------------|----------------------------|---------------------------------|------------------------------------|---------------------------------|------------------------------------|-----------------------------------|------------------|
| | | | | DRY DENSITY (PCF) | MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | MAXIMUM DRY DENSITY (PCF) | OPTIMUM MOISTURE CONTENT (%) | | |
| 21 | Area 4 | 934.4' | F/M sa, tr/so grv, tr si, br | 106.9 | 9.5 | 110.6 | 13.1 | 110.6 | 13.1 | 96.7 | 90.0 |
| 22 | Area 4 | 935.0' | F/M sa, tr/so grv, tr si, br | 107.3 | 9.2 | 110.6 | 13.1 | 110.6 | 13.1 | 97.0 | 90.0 |
| 23 | Area 4 | 935.7' | F/M sa, tr/so grv, tr si, br | 106.6 | 10.4 | 110.6 | 13.1 | 110.6 | 13.1 | 96.4 | 90.0 |
| 24 | Area 4 | 936.4' | F/M sa, tr/so grv, tr si, br | 108.6 | 10.8 | 110.6 | 13.1 | 110.6 | 13.1 | 98.2 | 90.0 |
| 25 | Area 4 | 937.0' | F/M sa, tr/so grv, tr si, br | 108.1 | 9.9 | 110.6 | 13.1 | 110.6 | 13.1 | 97.7 | 90.0 |
| 26 | Area 4 | 937.8' | F/M sa, tr/so grv, tr si, br | 107.8 | 11.3 | 110.6 | 13.1 | 110.6 | 13.1 | 97.5 | 90.0 |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |

Proctor Type Used: ☒ STANDARD ☐ MODIFIED ☐ 1 - POINT ☐ ESTIMATED ☐ MICHIGAN CONE ☐ MODIFIED T-180 ☐ MDOT T-99
Method of Test: ☐ SAND CONE ☐ VOLUME MEASURE ☒ NUCLEAR METER Serial No: 17365 MS: 681 DS: 2288

REMARKS: See page 1 for remarks.

SME Project # 066214.01 - Former Kelsey Hayes Site

Field Density Location Diagram - 11/06/13

Prepared by Michael Kapelnsky w/ Drawings from Arcadis.



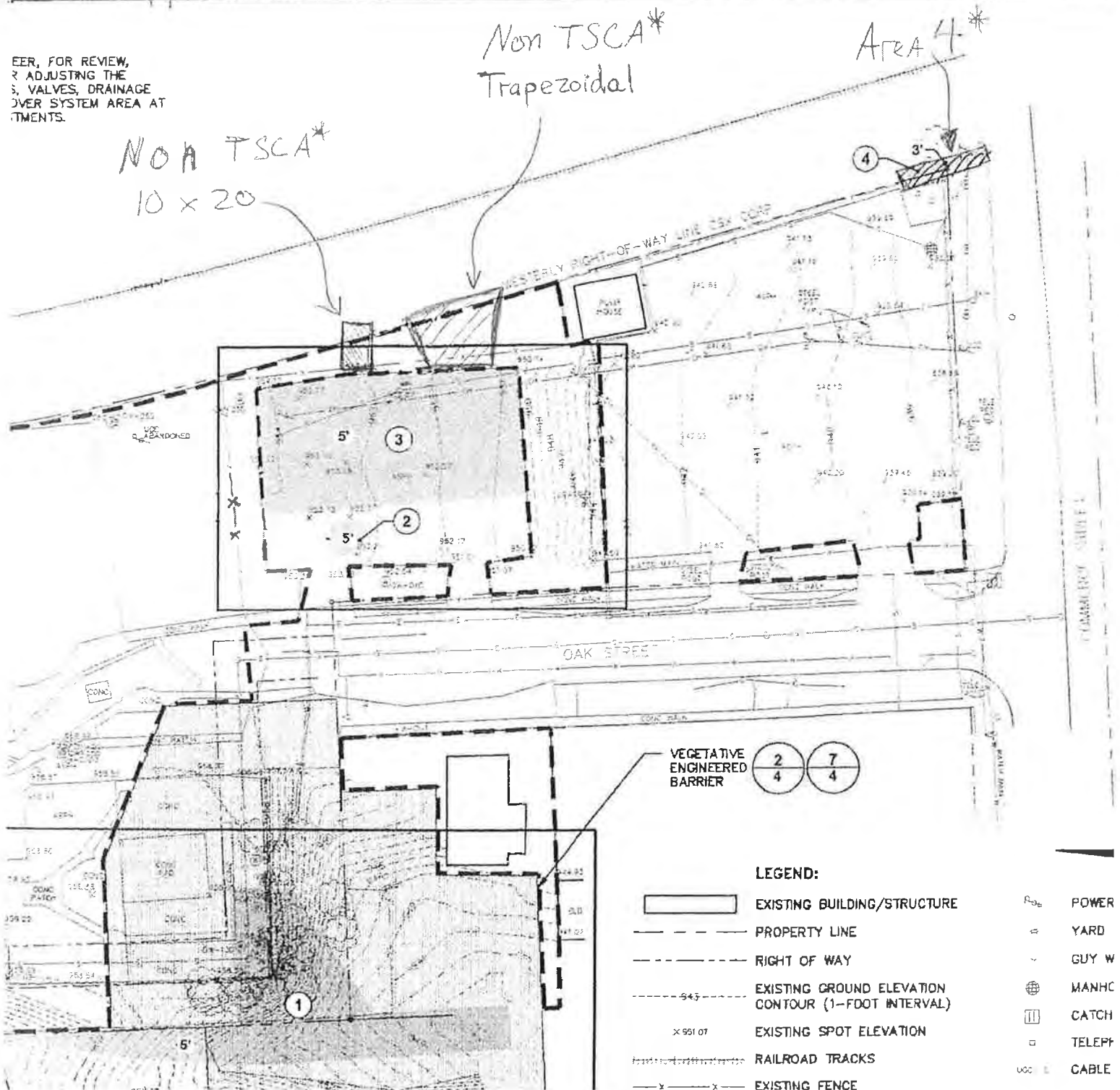
* Approximate Locations / Orientations. Not drawn to scale.

EER, FOR REVIEW,
& ADJUSTING THE
S, VALVES, DRAINAGE
OVER SYSTEM AREA AT
TMENTS.

NOA TSCA*
10 x 20

Non TSCA*
Trapezoidal

Area 4*





Extraction Analysis of Bituminous Concrete

PROJECT: FORMER KELSEY HAYES SITE
LOCATION: MILFORD, MI
CONTRACTOR: T & M Asphalt
SUPPLIER: Cadillac

SME JOB NO: PQ66214A
REPORT NO: 2
REPORT DATE: 11/22/13
LOG NO: 435
DATE SAMPLED: 11/11/13

| Material - 1100L 20AA - REFLUX METHOD | | | | | |
|---------------------------------------|--------------------|------------------|-----------------|----------------------|------------------|
| Sieve Size | Weight Retained gm | Percent Retained | Percent Passing | Spec Percent Passing | Comments |
| 3 | 0.0 | 0.0 | 100.0 | | Maximum Exceeded |
| 2 | 0.0 | 0.0 | 100.0 | | |
| 1 1/2 | 0.0 | 0.0 | 100.0 | | |
| 1 | 0.0 | 0.0 | 100.0 | | |
| 3/4 | 0.0 | 0.0 | 100.0 | 100 | |
| 1/2 | 19.0 | 1.3 | 98.7 | 90 - 100 | |
| 3/8 | 42.6 | 2.9 | 95.8 | 65 - 95 | |
| 4 | 278.5 | 18.9 | 76.9 | | |
| 8 | 243.7 | 16.5 | 60.4 | 45 - 70 | |
| 16 | 183.2 | 12.4 | 47.9 | | |
| 30 | 160.5 | 10.9 | 37.0 | 20 - 45 | |
| 50 | 220.2 | 14.9 | 22.1 | | |
| 100 | 164.5 | 11.2 | 10.9 | | |
| 200 | 63.0 | 4.3 | 6.6 | 3 - 10 | |
| Pan | 97.6 | 6.6 | | | |

| | | | |
|-------------------------|--------|--------------------|--------|
| Weight Of Sample: | 1560.5 | Weight After Wash: | 1388.9 |
| Weight Extracted: | 1471.6 | Weight Of Asphalt: | 0087.3 |
| Crushed Content, %: | 92.0 | 40% min | |
| Dust Correction Factor: | 0.1 | | |
| % Bitumen: | 5.6 | 5 - 7 | |

Remarks: Material tested does not meet gradation requirements for MDOT 1100L 20AA on the 3/8" sieve.

SUBMITTED BY: KELVIN SMITH
UNK - 591523

REVIEWED BY: J. SCHWARTZENBERGER,
PE



Asphalt Concrete Density-In-Place Report

PROJECT: FORMER KELSEY HAYES SITE
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER:
ARCHITECT/ENGINEER:
CONTRACTOR: T&M Asphalt Paving

SME JOB NO: PQ66214A
REPORT NO: 1 {1 of 2}
DATE: 11/11/13

| TEST NO. | TEST LOCATION | TEMP °F | TYPE OF MATERIAL | DESIGN THICKNESS (INCHES) | LOOSE THICKNESS (INCHES) | WET DENSITY pcf* | MAX DENSITY pcf | % OF MAX DENSITY | SPEC REQ % |
|----------|-------------------------------|---------|------------------|---------------------------|--------------------------|------------------|-----------------|------------------|------------|
| 1 | 85'E 40'S of NW corner of lot | | 1100L | 2" | 2 1/4 | 145.8 | 149.4 | 97.6 | 95.0 |
| 2 | 80'E 80'S of NW corner of lot | | 1100L | 2" | | 146.1 | 149.4 | 97.8 | 95.0 |
| 3 | 65'E 65'S of NW corner of lot | | 1100L | 2" | | 146.6 | 149.4 | 98.1 | 95.0 |
| 4 | 30'E 60'S of NW corner of lot | | 1100L | 2 1/4" | 2 3/4" | 146 | 149.4 | 97.7 | 95.0 |
| 5 | 6'E 50'S of NW corner of lot | | 1100L | 2" | 2 1/4" | 146.3 | 149.4 | 97.9 | 95.0 |
| 6 | 20'E 10'S of NW corner of lot | | 1100T | 1 1/2" | 1 3/4" | 147.6 | 149.4 | 98.8 | 95.0 |
| 7 | 90'E 50'S of NW corner of lot | | 1100T | 1 1/2" | | 148.8 | 149.4 | 99.6 | 95.0 |
| 8 | 70'E 90'S of NW corner of lot | | 1100T | 1 1/2" | | 146.9 | 149.4 | 98.3 | 95.0 |
| 9 | 60'E 40'S of NW corner of lot | | 1100T | 1 1/2" | | 146.1 | 149.4 | 97.8 | 95.0 |

☒ Marshall Maximum Density JMF ☐ Marshall Maximum Density One-Point ☐ Michigan Modified Marshall (Field) Course: ☐ Base ☒ Leveling ☒ Wearing
☐ Theoretical Maximum Density JMF ☐ Theoretical Maximum Density One-Point ☐ Rolling Pattern Total tons placed:

| | | | |
|---|------------------|-----------------|---------------------|
| Maximum Density Value Provided By: Cadillac Asphalt Concrete Supplier: Cadillac | Serial No: 12729 | Chart Standards | Operating Standards |
| | MS: | DS: | MS: DS: |

REMARKS:

REPORTED BY: KELVIN SMITH
UNK - 590711

REVIEWED BY: J. SCHWARTZENBERGER, PE
* Wet density measured using backscatter method Core densities may not match these readings due to variances in chemical composition and gauge precision



Asphalt Concrete Density-In-Place Report

PROJECT: FORMER KELSEY HAYES SITE
LOCATION: MILFORD, MI
CONSTRUCTION MANAGER:
ARCHITECT/ENGINEER:
CONTRACTOR: T&M Asphalt Paving

SME JOB NO: PQ66214A
REPORT NO: 1 {2 of 2}
DATE: 11/11/13

| TEST NO. | TEST LOCATION | TEMP °F | TYPE OF MATERIAL | DESIGN THICKNESS (INCHES) | LOOSE THICKNESS (INCHES) | WET DENSITY pcf* | MAX DENSITY pcf | % OF MAX DENSITY | SPEC REQ % |
|----------|--------------------------------|---------|------------------|---------------------------|--------------------------|------------------|-----------------|------------------|------------|
| 10 | 45'E 100'S of NW corner of lot | | 1100T | 1 1/2" | 1 3/4" | 145.5 | 149.4 | 97.4 | 95.0 |
| 11 | 30'E 70'S of NW corner of lot | | 1100T | 1 1/2" | | 146.3 | 149.4 | 97.9 | 95.0 |
| 12 | 20'E 45'S of NW corner of lot | | 1100T | 1 1/2" | | 147.3 | 149.4 | 98.6 | 95.0 |
| 13 | 5'E 75'S of NW corner of lot | | 1100T | 1 1/2" | | 145.4 | 149.4 | 97.3 | 95.0 |
| 14 | 50'E 115'S of NW corner of lot | | 1100T | 1 1/2" | | 146.0 | 149.4 | 97.7 | 95.0 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

☒ Marshall Maximum Density JMF ☐ Marshall Maximum Density One-Point ☐ Michigan Modified Marshall (Field) Course: ☐ Base ☐ Leveling ☒ Wearing
☐ Theoretical Maximum Density JMF ☐ Theoretical Maximum Density One-Point ☐ Rolling Pattern

Total tons placed:

Maximum Density Value Provided By: Cadillac Serial No: 12729 Chart Standards Operating Standards
Asphalt Concrete Supplier: Cadillac MS: DS: MS: DS:

REMARKS:

REPORTED BY: KELVIN SMITH
UNK - 590711

REVIEWED BY: J. SCHWARTZENBERGER, PE
* Wet density measured using backscatter method Core densities may not match these readings due to variances in chemical composition and gauge precision



TRANSMITTAL

Date: 11/25/2013

☒ 43980 Plymouth Oaks Blvd.
Plymouth, MI 48170-2584
Phone: (734) 454-9900
Fax: (734) 454-0629

To: Stephen Young
K & D Industrial Services
30105 Beverly Rd
Romulus, MI 48174

☐ 1501 West Thomas Street
Bay City, MI 48706-3299
Phone: (989) 684-6050
Fax: (989) 684-0210

☐ 4705 Clyde Park Ave. SW
Grand Rapids, MI 49509-5114
Phone: (616) 406-1756
Fax: (616) 406-1749

☐ 3301 Tech Circle Drive
Kalamazoo, MI 49008-5611
Phone: (269) 323-3555
Fax: (269) 323-3553

☐ 2663 Eaton Rapids Rd
Lansing, MI 48911-6310
Phone: (517) 887-9181
Fax: (517) 887-2666

Re: **Project:** FORMER KELSEY HAYES SITE
Location: MILFORD, MI
SME Project No: PQ66214A

☐ 13019 Pauline Drive
Shelby Twp., MI 48315-3122
Phone: (586) 731-3100
Fax: (586) 731-3582

☐ 733 East Eighth Street, Ste. 102
Traverse City, MI 49686-265
Phone: (231-941-5200
Fax: (231) 941-5259

Remarks:

☐ 5847 W. 74th Street
Indianapolis, IN 46278-1757
Phone: (317) 876-0200
Fax: (317) 876-0300

☐ 415 Tomahawk Drive
Maumee, OH 43537-1633
Phone: (419) 897-0409
Fax: (419) 897-0429

We are transmitting herewith 1 copies of:

- Extraction Analysis of Bituminous Concrete: 1

Distribution:

Stephen Young - syoung@kdigroup.com

Very truly yours,
SOIL AND MATERIALS ENGINEERS, INC.

TREVOR D. SHAHEEN, SMSI



Extraction Analysis of Bituminous Concrete

PROJECT: FORMER KELSEY HAYES SITE

LOCATION: MILFORD, MI

CONTRACTOR: T & M Asphalt

SUPPLIER: Cadillac

SME JOB NO: PQ66214A

REPORT NO: 1

REPORT DATE: 11/18/13

LOG NO: 436

DATE SAMPLED: 11/11/13

| Material - 1100T 20AA - CENTRIFUGE METHOD | | | | | |
|---|--------------------|------------------|-----------------|----------------------|----------|
| Sieve Size | Weight Retained gm | Percent Retained | Percent Passing | Spec Percent Passing | Comments |
| 3 | 0.0 | 0.0 | 100.0 | | |
| 2 | 0.0 | 0.0 | 100.0 | | |
| 1 1/2 | 0.0 | 0.0 | 100.0 | | |
| 1 | 0.0 | 0.0 | 100.0 | | |
| 3/4 | 0.0 | 0.0 | 100.0 | 100 | |
| 1/2 | 24.4 | 1.6 | 98.4 | 90 - 100 | |
| 3/8 | 64.3 | 4.3 | 94.0 | 65 - 95 | |
| 4 | 344.3 | 23.1 | 70.9 | | |
| 8 | 232.7 | 15.6 | 55.3 | 45 - 70 | |
| 16 | 168.9 | 11.4 | 43.9 | | |
| 30 | 148.0 | 9.9 | 34.0 | 20 - 45 | |
| 50 | 222.5 | 15.0 | 19.0 | | |
| 100 | 150.6 | 10.1 | 8.9 | | |
| 200 | 51.5 | 3.5 | 5.4 | 3 - 10 | |
| Pan | 80.6 | 5.4 | | | |

Weight Of Sample: 1570.4 Weight After Wash: 1418.5

Weight Extracted: 1482.1 Weight Of Asphalt: 0082.0

Crushed Content, %: 94.9 40% min

Dust Correction Factor: 0.4

% Bitumen: 5.2 5 - 7

Remarks: Material tested meets gradation requirements for MDOT 1100T 20AA.

SUBMITTED BY: KELVIN SMITH

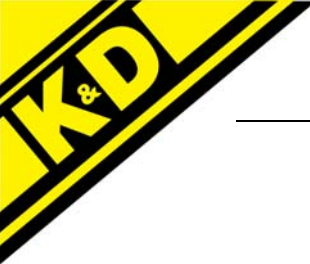
jm - 591001

REVIEWED BY: J. SCHWARTZENBERGER,
PE



Appendix L

Documentation of Clean Fill



TRANSMITTAL OF SUBCONTRACTOR'S SUBMITTAL

(ATTACH TO EACH SUBMITTAL)

TO: ARCADIS G&M of Michigan, LLC

28550 Cabot Drive

Suite 500

Novi, Michigan 48377

FROM: K&D Industries, Inc.

Subcontractor

2962 Venture Drive

Midland, Michigan 48640

syoun@kdigroup.com

DATE: 7/18/12

Submittal No.: 3.0

☒ New Submittal

☐ Resubmittal

Project: Former Kelsey Hayes Site

Project No.: MI000941.0023.00006

Specification Section No.: Page 6

(Cover only the one section with each transmittal)

Schedule Date of Submittal:

SUBMITTAL TYPE: ☐ Shop Drawing

☐ Sample

☒ Informational

☐ Deferred

The following items are hereby submitted:

| Number of Copies | Description of Item Submitted (Type, Size, Model Number, Etc.) | Spec. and Para. No. | Drawing or Brochure Number | Contains Variation to Contract | |
|---------------------|---|------------------------|-------------------------------|-----------------------------------|-----|
| | | | | No | Yes |
| 1 | Class II Sand Analytical Results | Page 6 | | X | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

By:

Subcontractor (Authorized Signature)



1049 - 28th Street SE
Grand Rapids, MI 49508
Ph: 616/248-4900
Toll Free: 800/362-LABS
Fax: 616/248-4904

Steve Young
K & D Industries, Inc.
2962 Venture Drive
Midland, MI 48640

TEL: (989) 492-8456
FAX (616) 847-2809
RE: TRW

Dear Steve Young:

Order No.: 1207056


BIO-CHEM Laboratories, Inc. received 1 sample on 7/10/2012 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Please note that unless otherwise instructed, residual samples will be held for sixty (60) days from the original report date. At that time, all non-hazardous samples will be disposed of in accordance with federal, state and local regulations and ordinances, and hazardous samples shall be returned to you. Please contact the laboratory within thirty (30) days if other arrangements for sample retention need to be made.

Sincerely,


Cindy Euwema
Office Manager

Chain of Custody

1049 28th Street SE • Grand Rapids, MI 49508
Ph: (616) 248-4900 • Toll Free: 800-362-LABS
Fax: (616) 248-4904

| Firm Name KID, Industries, Inc. | | | | Turn around time STD | | Project Number | |
|---|----------------------------|----------------|-------------|--|----------------------|---|-------------------------|
| Firm Address 2962 Venture Drive | | | | Project Name TRW | | Date 7/10/12 | Date Due 7/17/12 |
| City, State, Zip Midland, MI 48640 | | | | State Samples Taken From MI | | | |
| Phone (989) 492 8454 Fax (616) 847-2809 | | | | Contact Person Steve Young | | | |
| Lab I.D. | Client Sample Number | Date Taken | Time Taken | Sample Description (sample type: water, soil, other) | Number of Containers | Analysis Desired (One per line) | Remarks |
| 1 | XXXXXX | | | | | MI to Metals | |
| 2 | Bachoff | 7/10/12 | 1100 | Soil | 1 | PCBS VOCs Herb Pestic | |
| 3 | Natural Aggregate = | | | | | | |
| 4 | Class II Sand | | | | | | |
| 5 | (per attached) | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |
| Released by Steve Y | | | | Received by Kathryn Dewitt | | Laboratory use only | |
| | | | | Date 7/10/12 | | Time 4:50pm | |
| | | | | | | <input type="checkbox"/> Blue Ice | |
| | | | | | | <input checked="" type="checkbox"/> Regular Ice | |
| | | | | | | <input type="checkbox"/> No Coolant | |
| | | | | | | Drop off | |

BIO-CHEM Laboratories, Inc.**Date:** 18-Jul-12

CLIENT: K & D Industries, Inc.
Project: TRW
Lab Order: 1207056**Work Order Sample Summary**

| Lab Sample ID | Client Sample ID | Matrix | Collection Date | Date Received |
|----------------------|------------------------------|---------------|------------------------|----------------------|
| 1207056-01A | Natural Aggregate=Class II S | Soil | 7/10/2012 | 7/10/2012 |

CLIENT: K & D Industries, Inc.**Project:** TRW**Lab Order:** 1207056**CASE NARRATIVE**

Samples are routinely analyzed using methods outlined in the following references:

(SW) Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Ed.

(E) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

(A) Standard Methods for the Examination of Water and Wastewater, APHA, 18th Ed.

(D) Annual Book of ASTM Standards.

Specific methods utilized for this project are provided in the analytical report and are identified by the reference document abbreviation () followed by the method number.

All QA/QC and sample analyses met method, laboratory and/or regulatory data quality objectives unless otherwise specified below.

No data qualifications required.

CLIENT: K & D Industries, Inc.

Project Number: N/A

Lab Order: 1207056

Client Sample ID: Natural Aggregate=Class II Sand

Project: TRW

Collection Date: 7/10/2012

Lab Sample ID: 1207056-01A

Matrix: SOIL

| Analyses | Method Ref. | Result | Q | PQL | Units | DF | Analyst | Date |
|-----------------------------|-------------|--------|---|-----|-----------|----|---------|-----------|
| Herbicides by GC/ECD | | | | | | | | |
| 1. 2,4,5-T | SW8151A | < 500 | | 500 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 2. 2,4,5-TP (Silvex) | SW8151A | < 300 | | 300 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 3. 2,4-D | SW8151A | < 200 | | 200 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| PCBs by GC/ECD | | | | | | | | |
| 1. Aroclor 1016 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 2. Aroclor 1221 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 3. Aroclor 1232 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 4. Aroclor 1242 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 5. Aroclor 1248 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 6. Aroclor 1254 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 7. Aroclor 1260 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 8. Aroclor 1262 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| 9. Aroclor 1268 | SW8082 | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/17/2012 |
| Pesticides by GC/ECD | | | | | | | | |
| 1. 4,4'-DDD | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 2. 4,4'-DDE | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 3. 4,4'-DDT | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 4. Aldrin | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 5. alpha-BHC | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 6. beta-BHC | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 7. gamma-BHC | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 8. delta-BHC | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 9. Chlordane (Technical) | SW8081A | < 25 | | 25 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 10. alpha-Chlordane | SW8081A | < 25 | | 25 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 11. gamma-Chlordane | SW8081A | < 25 | | 25 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 12. Dieldrin | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 13. Endosulfan I | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 14. Endosulfan II | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 15. Endosulfan sulfate | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 16. Endrin | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 17. Endrin aldehyde | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 18. Endrin ketone | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 19. Heptachlor | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 20. Heptachlor epoxide | SW8081A | < 20 | | 20 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 21. Methoxychlor | SW8081A | < 50 | | 50 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 22. Toxaphene | SW8081A | < 170 | | 170 | µg/Kg-dry | 1 | KLM | 7/16/2012 |

Definitions: PQL - Practical Quantitation Limit
DF - Dilution Factor

Qualifiers (Q): J - Detected below PQL but above MDL: Estimated
S - Spike Recovery Outside Acceptance Limits
B - Analyte detected in associated Method Blank
N - See case narrative for explanation

BIO-CHEM Laboratories, Inc.

Date: 7/18/2012

ANALYTICAL REPORT**CLIENT:** K & D Industries, Inc.**Project Number:** N/A**Lab Order:** 1207056**Client Sample ID:** Natural Aggregate=Class II Sand**Project:** TRW**Collection Date:** 7/10/2012**Lab Sample ID:** 1207056-01A**Matrix:** SOIL

| Analyses | Method Ref. | Result | Q | PQL | Units | DF | Analyst | Date |
|--------------------------------|-------------|--------|---|-------|-----------|----|---------|-----------|
| Total Mercury by CVAA | | | | | | | | |
| 1. Mercury | SW7471A | < 50 | | 50 | µg/Kg-dry | 1 | RHS | 7/14/2012 |
| Total Metal(s) by ICP | | | | | | | | |
| 1. Arsenic | SW6010B | 1,600 | | 1,000 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 2. Barium | SW6010B | 7,500 | | 500 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 3. Cadmium | SW6010B | < 200 | | 200 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 4. Chromium | SW6010B | 3,800 | | 500 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 5. Copper | SW6010B | 5,300 | | 500 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 6. Lead | SW6010B | 3,900 | | 1,000 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 7. Silver | SW6010B | < 100 | | 100 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| 8. Zinc | SW6010B | 21,000 | | 500 | µg/Kg-dry | 1 | RHS | 7/13/2012 |
| Total Selenium by NaBHR | | | | | | | | |
| 1. Selenium | SW7742 | < 200 | | 200 | µg/Kg-dry | 1 | RHS | 7/15/2012 |

Definitions: PQL - Practical Quantitation Limit
DF - Dilution Factor

Qualifiers (Q): J - Detected below PQL but above MDL: Estimated
S - Spike Recovery Outside Acceptance Limits
B - Analyte detected in associated Method Blank
N - See case narrative for explanation

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Note: The sample results reported are based on the sample aliquot(s) tested.

BIO-CHEM Laboratories, Inc.

Date: 7/18/2012

ANALYTICAL REPORT
CLIENT: K & D Industries, Inc.

Project Number: N/A

Lab Order: 1207056

Client Sample ID: Natural Aggregate=Class II Sand

Project: TRW

Collection Date: 7/10/2012

Lab Sample ID: 1207056-01A

Matrix: SOIL

| Analyses | Method Ref. | Result | Q | PQL | Units | DF | Analyst | Date |
|---------------------------------|-------------|---------|---|-------|-----------|----|---------|-----------|
| Semivolatiles by GC/MS | | | | | | | | |
| 1. 1,2,4-Trichlorobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 2. 1,2-Dichlorobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 3. 1,2-Diphenylhydrazine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 4. 1,3-Dichlorobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 5. 1,4-Dichlorobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 6. 2,4,5-Trichlorophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 7. 2,4,6-Trichlorophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 8. 2,4-Dichlorophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 9. 2,4-Dimethylphenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 10. 2,4-Dinitrophenol | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 11. 2,4-Dinitrotoluene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 12. 2,6-Dichlorophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 13. 2,6-Dinitrotoluene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 14. 2-Chloronaphthalene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 15. 2-Chlorophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 16. 2-Methylnaphthalene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 17. 2-Methylphenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 18. 2-Nitroaniline | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 19. 2-Nitrophenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 20. 3,3'-Dichlorobenzidine | SW8270C | < 2,000 | | 2,000 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 21. 3-Methylphenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 22. 3-Nitroaniline | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 23. 4,6-Dinitro-2-methylphenol | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 24. 4-Bromophenyl phenyl ether | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 25. 4-Chloro-3-methylphenol | SW8270C | < 280 | | 280 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 26. 4-Chloroaniline | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 27. 4-Chlorophenyl phenyl ether | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 28. 4-Methylphenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 29. 4-Nitroaniline | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 30. 4-Nitrophenol | SW8270C | < 830 | | 830 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 31. Acenaphthene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 32. Acenaphthylene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 33. Aniline | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 34. Anthracene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 35. Benzidine | SW8270C | < 1,000 | | 1,000 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 36. Benzo[a]anthracene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 37. Benzo[a]pyrene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 38. Benzo[b]fluoranthene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 39. Benzo[g,h,i]perylene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 40. Benzo[k]fluoranthene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |

Definitions: PQL - Practical Quantitation Limit
DF - Dilution Factor

Qualifiers (Q): J - Detected below PQL but above MDL: Estimated
S - Spike Recovery Outside Acceptance Limits
B - Analyte detected in associated Method Blank
N - See case narrative for explanation

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3 of 5

Note: The sample results reported are based on the sample aliquot(s) tested.

BIO-CHEM Laboratories, Inc.

Date: 7/18/2012

ANALYTICAL REPORT**CLIENT:** K & D Industries, Inc.**Project Number:** N/A**Lab Order:** 1207056**Client Sample ID:** Natural Aggregate=Class II Sand**Project:** TRW**Collection Date:** 7/10/2012**Lab Sample ID:** 1207056-01A**Matrix:** SOIL

| Analyses | Method Ref. | Result | Q | PQL | Units | DF | Analyst | Date |
|---------------------------------|-------------|---------|---|-------|-----------|----|---------|-----------|
| 41. Benzoic acid | SW8270C | < 3,300 | | 3,300 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 42. Benzyl alcohol | SW8270C | < 1,300 | | 1,300 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 43. Bis(2-chloroethoxy)methane | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 44. Bis(2-chloroethyl)ether | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 45. Bis(2-chloroisopropyl)ether | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 46. Bis(2-ethylhexyl)phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 47. Butyl benzyl phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 48. Chrysene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 49. Dibenz[a,h]anthracene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 50. Dibenzofuran | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 51. Diethyl phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 52. Dimethyl phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 53. Di-n-butyl phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 54. Di-n-octyl phthalate | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 55. Diphenylamine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 56. Fluoranthene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 57. Fluorene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 58. Hexachlorobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 59. Hexachlorobutadiene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 60. Hexachlorocyclopentadiene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 61. Hexachloroethane | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 62. Indeno[1,2,3-cd]pyrene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 63. Isophorone | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 64. Naphthalene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 65. Nitrobenzene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 66. N-Nitrosodimethylamine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 67. N-Nitrosodi-n-propylamine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 68. N-Nitrosodiphenylamine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 69. Pentachlorophenol | SW8270C | < 800 | | 800 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 70. Phenanthrene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 71. Phenol | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 72. Pyrene | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |
| 73. Pyridine | SW8270C | < 330 | | 330 | µg/Kg-dry | 1 | KLM | 7/16/2012 |

Definitions: PQL - Practical Quantitation Limit
DF - Dilution Factor

Qualifiers (Q): J - Detected below PQL but above MDL: Estimated
S - Spike Recovery Outside Acceptance Limits
B - Analyte detected in associated Method Blank
N - See case narrative for explanation

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4 of 5

Note: The sample results reported are based on the sample aliquot(s) tested.

BIO-CHEM Laboratories, Inc.

Date: 7/18/2012

ANALYTICAL REPORT**CLIENT:** K & D Industries, Inc.**Project Number:** N/A**Lab Order:** 1207056**Client Sample ID:** Natural Aggregate=Class II Sand**Project:** TRW**Collection Date:** 7/10/2012**Lab Sample ID:** 1207056-01A**Matrix:** SOIL

| Analyses | Method Ref. | Result | Q | PQL | Units | DF | Analyst | Date |
|-------------------------------|-------------|--------|---|-----|-----------|----|---------|-----------|
| Volatiles by GC/MS | | | | | | | | |
| 1. 1,1,1-Trichloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 2. 1,1,2,2-Tetrachloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 3. 1,1,2-Trichloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 4. 1,1-Dichloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 5. 1,1-Dichloroethene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 6. 1,2,4-Trimethylbenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 7. 1,2-Dibromoethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 8. 1,2-Dichlorobenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 9. 1,2-Dichloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 10. 1,2-Dichloropropane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 11. 1,3,5-Trimethylbenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 12. 1,3-Dichlorobenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 13. 1,4-Dichlorobenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 14. Benzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 15. Bromodichloromethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 16. Bromoform | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 17. Bromomethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 18. Carbon tetrachloride | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 19. Chlorobenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 20. Chloroethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 21. Chloroform | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 22. Chloromethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 23. cis-1,2-Dichloroethene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 24. cis-1,3-Dichloropropene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 25. Dibromochloromethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 26. Ethylbenzene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 27. m,p-Xylene | SW8260B | < 20 | | 20 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 28. Methyl tert-butyl ether | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 29. Methylene chloride | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 30. o-Xylene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 31. Tetrachloroethene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 32. Toluene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 33. trans-1,2-Dichloroethene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 34. trans-1,3-Dichloropropene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 35. Trichloroethene | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 36. Trichlorofluoromethane | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |
| 37. Vinyl chloride | SW8260B | < 10 | | 10 | µg/Kg-dry | 1 | GCP | 7/12/2012 |

Definitions: PQL - Practical Quantitation Limit
DF - Dilution Factor

Qualifiers (Q): J - Detected below PQL but above MDL: Estimated
S - Spike Recovery Outside Acceptance Limits
B - Analyte detected in associated Method Blank
N - See case narrative for explanation

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5 of 5

Note: The sample results reported are based on the sample aliquot(s) tested.

Lab Order: 1207056

Client: K & D Industries, Inc.

Project: TRW

ANALYTICAL DETAIL REPORT

| Sample ID | Client Sample ID | Matrix | Test Name | Date Sampled | TCLP/SPLP Date | Prep Date | QC Batch | Analysis Date | Analytical Batch |
|-------------|---------------------------------|--------|-------------------------|--------------|----------------|-----------|----------|---------------|-------------------|
| 1207056-01A | Natural Aggregate=Class II Sand | Soil | Herbicides by GC/ECD | 7/10/2012 | | 7/12/2012 | 33965 | 7/17/2012 | GC_K_ECD1_120717A |
| | Natural Aggregate=Class II Sand | Soil | PCBs by GC/ECD | 7/10/2012 | | 7/13/2012 | 33976 | 7/17/2012 | GC_K_ECD1_120716B |
| | Natural Aggregate=Class II Sand | Soil | Pesticides by GC/ECD | 7/10/2012 | | 7/13/2012 | 33974 | 7/16/2012 | GC_K_ECD1_120716A |
| | Natural Aggregate=Class II Sand | Soil | Semivolatiles by GC/MS | 7/10/2012 | | 7/13/2012 | 33973 | 7/16/2012 | GCMS_S_120716B |
| | Natural Aggregate=Class II Sand | Soil | Total Mercury by CVAA | 7/10/2012 | | 7/14/2012 | 33981 | 7/14/2012 | MTL_D_HY_120714A |
| | Natural Aggregate=Class II Sand | Soil | Total Metal(s) by ICP | 7/10/2012 | | 7/12/2012 | 33971 | 7/13/2012 | MTL_G_ICP_120713B |
| | Natural Aggregate=Class II Sand | Soil | Total Selenium by NaBHR | 7/10/2012 | | 7/12/2012 | 33971 | 7/15/2012 | MTL_C_FL_120715A |
| | Natural Aggregate=Class II Sand | Soil | Volatiles by GC/MS | 7/10/2012 | | 7/12/2012 | 33969 | 7/12/2012 | GCMS_Z_120712A |



Analytical Laboratory Report
Laboratory Project Number: 50929
Laboratory Sample Number: 50929-001

Order: 50929
Page: 2 of 3
Date: 07/19/12

| | | | | | |
|------------------------|---|---------------------|-------------|-------------------|----------|
| Client Identification: | Crandell Brothers Trucking Company | Sample Description: | Sand Sample | Chain of Custody: | 115510 |
| Client Project Name: | CP1 Pit | Sample No: | 1 | Collect Date: | 07/16/12 |
| Client Project No: | NA | Sample Matrix: | Soil/Solid | Collect Time: | 13:30 |
| Sample Comments: | Soil results have been calculated and reported on a dry weight basis unless otherwise noted. | | | | |
| Definitions: | Q: Qualifier (see definitions at end of report) NA: Not Applicable NN: Parameter not included in NELAC Scope of Analysis. | | | | |

| Dry Weight Determination (ASTM D 2974-87) | | | | | Aliquot ID: 50929-001 | | Matrix: Soil/Solid | | Analyst: BMG |
|---|--------|---|-------|-----------------|-----------------------|-----------|--------------------|---------------|----------------|
| Parameter(s) | Result | Q | Units | Reporting Limit | Dilution | Prep Date | Prep Batch | Analysis Date | Analysis Batch |
| 1. Percent Moisture (Water Content) (NN) | 3.1 | | % | 0.1 | 1.0 | 07/17/12 | MC120717 | 07/18/12 | MC120717 |

| Michigan 10 Elements by ICP/MS (EPA 0200.2-M/EPA 6020A) | | | | | Aliquot ID: 50929-001 | | Matrix: Soil/Solid | | Analyst: JLH |
|---|--------|---|-------|-----------------|-----------------------|-----------|--------------------|---------------|----------------|
| Parameter(s) | Result | Q | Units | Reporting Limit | Dilution | Prep Date | Prep Batch | Analysis Date | Analysis Batch |
| 1. Arsenic | 3000 | | µg/kg | 100 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 2. Barium | 5600 | | µg/kg | 1000 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 3. Cadmium | 69 | | µg/kg | 50 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 4. Chromium | 3100 | | µg/kg | 500 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 5. Copper | 5600 | | µg/kg | 1000 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 6. Lead | 3100 | | µg/kg | 1000 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 7. Selenium | U | | µg/kg | 200 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 8. Silver | U | | µg/kg | 100 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |
| 9. Zinc | 15000 | | µg/kg | 1000 | 20 | 07/18/12 | PT12G18B | 07/18/12 | T212G18A |

| Mercury by CVAAS (EPA 7471B) | | | | | Aliquot ID: 50929-001 | | Matrix: Soil/Solid | | Analyst: JLP |
|------------------------------|--------|---|-------|-----------------|-----------------------|-----------|--------------------|---------------|----------------|
| Parameter(s) | Result | Q | Units | Reporting Limit | Dilution | Prep Date | Prep Batch | Analysis Date | Analysis Batch |
| 1. Mercury | U | | µg/kg | 50 | 10 | 07/17/12 | PM12G17B | 07/17/12 | M612G17A |

1914 Holloway Drive
11766 E. Grand River
8660 S. Mackinaw Trail

Holt, MI 48842
Brighton, MI 48116
Cadillac, MI 49601

T: (517) 699-0345
T: (810) 220-3300
T: (231) 775-8368

F: (517) 699-0388
F: (810) 220-3311
F: (231) 775-8584

September 21, 2012

Arcadis
28550 Cabot Dr.
Suite 500
Novi, MI 48377

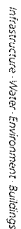
Subject: TRW/Milford
MI000941.0023.00006

Dear Mr. Burton :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Enclosed are the results for the samples submitted on 09/14/2012 for the above mentioned project. Duplicate copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be mailed with copy of report. If you have any questions concerning the invoice or the data, please don't hesitate to contact our office. Please reference Brighton Analytical, L.L.C. project ID 20846 when calling with any questions regarding this project.

Sincerely,
Brighton Analytical, L.L.C.



20846

Page 1 of 1

Lab Work Order #

[illegible]



Brighton Analytical, L.L.C.

2105 Pless Drive

Brighton, Michigan 48116

TM Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

To: Arcadis

28550 Cabot Dr.

Suite 500

Novi, MI 48377

Sample Date: 9/14/2012

Submit Date: 9/14/2012

Report Date: 9/21/2012

BA Report Number: 20846

BA Sample ID: BX04053

Project Name: TRW/Milford

Project Number: MI000941.0023.00006

Sample ID: CH-091412

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|-------------------------------|--------------|-------|-----|------------------|---------|---------------|
| Inorganic Analysis | | | | | | |
| Percent Moisture | 10 | % | | ASTM D2216 | LS | 9/19/2012 |
| PCB/Pesticide Analysis | | | | | | |
| a-BHC | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| a-Chlordane | Not detected | ug/Kg | 25 | SW846 8081/2 | BY | 9/18/2012 |
| Aldrin | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1016 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1221 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1232 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1242 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1248 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1254 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1260 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1262 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| ARO 1268 | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| b-BHC | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| BP-6(PBB) | Not detected | ug/Kg | 50 | SW846 8081/2 | BY | 9/18/2012 |
| d-BHC | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| 4,4-DDD | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| 4,4-DDE | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| 4,4-DDT | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Dieldrin | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endosulfan I | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endosulfan II | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endosulfan sulfate | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endrin | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endrin aldehyde | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Endrin ketone | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| g-BHC(Lindane) | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Arcadis
28550 Cabot Dr.
Suite 500
Novi, MI 48377

Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/2012

BA Report Number: **20846**
BA Sample ID: **BX04053**

Project Name: **TRW/Milford**
Project Number: **MI000941.0023.00006**
Sample ID: **CH-091412**

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|---|--------------|-------|---------|------------------|---------|---------------|
| g-Chlordane | Not detected | ug/Kg | 25 | SW846 8081/2 | BY | 9/18/2012 |
| Heptachlor | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Heptachlor epoxide | Not detected | ug/Kg | 20 | SW846 8081/2 | BY | 9/18/2012 |
| Hexabromobenzene | Not detected | ug/Kg | 100 | SW846 8081/2 | BY | 9/18/2012 |
| Methoxychlor | Not detected | ug/Kg | 50 | SW846 8081/2 | BY | 9/18/2012 |
| Mirex | Not detected | ug/Kg | 50 | SW846 8081/2 | BY | 9/18/2012 |
| Total PCB | Not detected | ug/Kg | 330 | SW846 8081/2 | BY | 9/18/2012 |
| Toxaphene | Not detected | ug/Kg | 170 | SW846 8081/2 | BY | 9/18/2012 |
| PCB/Pesticide solid (extraction) | Extracted | | | 3510C/3545 | MB | 9/18/2012 |
| PCB/Pesticide Surrogate Recovery | | | | | | |
| Decachlorobiphenyl(DCB) | 106 | % | | 8081/8082 | BY | 9/18/2012 |
| Herbicide Analysis | | | | | | |
| 2,4-D | Not detected | ug/Kg | 200 | SW846 8151 | BY | 9/20/2012 |
| Dicamba | Not detected | ug/Kg | 50 | SW846 8151 | BY | 9/20/2012 |
| Dinoseb | Not detected | ug/Kg | 20 | SW846 8151 | BY | 9/20/2012 |
| 2,4,5-T | Not detected | ug/Kg | 50 | SW846 8151 | BY | 9/20/2012 |
| 2,4,5-TP(Silvex) | Not detected | ug/Kg | 50 | SW846 8151 | BY | 9/20/2012 |
| Herbicide solid (extraction) | Extracted | | | 8151/615 | BY | 9/18/2012 |
| Herbicide Surrogate Recovery | | | | | | |
| 2,4-Dichlorophenylacetic Acid | 81 | % | 60-140% | 8151/615 | BY | 9/20/2012 |
| Semi-Volatile Analysis | | | | | | |
| Acenaphthene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Acenaphthylene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Aniline | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Anthracene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Azobenzene | Not detected | ug/Kg | 200 | SW846 8270C | RG | 9/18/2012 |
| Benzo(a)anthracene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Benzo(a)pyrene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |

To: Arcadis
28550 Cabot Dr.
Suite 500
Novi, MI 48377Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/2012BA Report Number: **20846**
BA Sample ID: **BX04053**Project Name: **TRW/Milford**
Project Number: **MI000941.0023.00006**
Sample ID: **CH-091412**

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|-----------------------------|--------------|-------|------|------------------|---------|---------------|
| Benzo(b)fluoranthene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Benzo(g,h,i)perylene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Benzo(k)fluoranthene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Benzoic acid | Not detected | ug/Kg | 3300 | SW846 8270C | RG | 9/18/2012 |
| Benzyl alcohol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Bis(2-chloroethoxy)methane | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Bis(2-chloroethyl)ether | Not detected | ug/Kg | 100 | SW846 8270C | RG | 9/18/2012 |
| Bis(2-chloroisopropyl)ether | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Bis(2-ethylhexyl)phthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4-Bromophenyl phenyl ether | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Butyl benzyl phthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Carbazole | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4-Chloro-3-methylphenol | Not detected | ug/Kg | 280 | SW846 8270C | RG | 9/18/2012 |
| 4-Chloroaniline | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2-Chloronaphthalene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2-Chlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4-Chlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4-Chlorophenyl phenyl ether | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Chrysene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Dibenzo(a,h)anthracene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Dibenzofuran | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,4-Dichlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,6-Dichlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Diethylphthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,4-Dimethylphenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Dimethylphthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Di-n-butylphthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4,6-Dinitro-2-methylphenol | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| 2,4-Dinitrophenol | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| 2,4-Dinitrotoluene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,6-Dinitrotoluene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Di-n-octylphthalate | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |



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Novi, MI 48377

Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/2012

BA Report Number: **20846**
BA Sample ID: **BX04053**

Project Name: **TRW/Milford**
Project Number: **MI000941.0023.00006**
Sample ID: **CH-091412**

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|-----------------------------|--------------|-------|-----|------------------|---------|---------------|
| 1,2-Diphenylhydrazine | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Fluoranthene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Fluorene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Hexachlorobenzene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Hexachlorobutadiene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Hexachlorocyclopentadiene | Not detected | ug/Kg | 200 | SW846 8270C | RG | 9/18/2012 |
| Hexachloroethane | Not detected | ug/Kg | 300 | SW846 8270C | RG | 9/18/2012 |
| Indeno(1,2,3-cd)pyrene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Isophorone | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2-Methylnaphthalene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2-Methylphenol (o-Cresol) | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 3&4Methylphenol(m&p-Cresol) | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Naphthalene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2-Nitroaniline | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| 3-Nitroaniline | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| 4-Nitroaniline | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| Nitrobenzene | Not detected | ug/Kg | 200 | SW846 8270C | RG | 9/18/2012 |
| 2-Nitrophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 4-Nitrophenol | Not detected | ug/Kg | 830 | SW846 8270C | RG | 9/18/2012 |
| N-Nitrosodimethylamine | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| N-Nitrosodi-n-propylamine | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| N-Nitrosodiphenylamine | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Pentachlorophenol | Not detected | ug/Kg | 800 | SW846 8270C | RG | 9/18/2012 |
| Phenanthrene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Phenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Pyrene | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| Pyridine | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,4,5-Trichlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| 2,4,6-Trichlorophenol | Not detected | ug/Kg | 330 | SW846 8270C | RG | 9/18/2012 |
| BNA solid (extraction) | Extracted | | | 3510C/3545 | MB | 9/18/2012 |



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Novi, MI 48377

Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/2012

BA Report Number: 20846
BA Sample ID: BX04053

Project Name: TRW/Milford
Project Number: MI000941.0023.00006
Sample ID: CH-091412

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|--|--------------|-------|-----|------------------|---------|---------------|
| Semi-Volatile Surrogate Recovery | | | | | | |
| d14-Terphenyl | 107 | % | | 8270/625 | RG | 9/18/2012 |
| d5-Nitrobenzene | 101 | % | | 8270/625 | RG | 9/18/2012 |
| d5-Phenol | 91 | % | | 8270/625 | RG | 9/18/2012 |
| 2-Fluorobiphenyl | 93 | % | | 8270/625 | RG | 9/18/2012 |
| 2-Fluorophenol | 91 | % | | 8270/625 | RG | 9/18/2012 |
| 2,4,6-Tribromophenol | 80 | % | | 8270/625 | RG | 9/18/2012 |
| Volatile Analysis(Methanol Preserved) | | | | | | |
| Acetone | Not detected | ug/Kg | 750 | SW846 8260B | RG | 9/18/2012 |
| Acrylonitrile | Not detected | ug/Kg | 100 | SW846 8260B | RG | 9/18/2012 |
| Benzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Bromobenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Bromochloromethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Bromodichloromethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Bromoform | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Bromomethane(Methyl bromide) | Not detected | ug/Kg | 200 | SW846 8260B | RG | 9/18/2012 |
| 2-Butanone (MEK) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Carbon disulfide | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Carbon tetrachloride | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Chlorobenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Chloroethane | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Chloroform | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Chloromethane(Methyl chloride) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| cis-1,2-Dichloroethene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| cis-1,3-Dichloropropene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Cyclohexane | Not detected | ug/Kg | 500 | SW846 8260B | RG | 9/18/2012 |
| 1,2-Dibromo-3-Chloropropane | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Dibromochloromethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2-Dibromoethane(Ethylene dibromide) | Not detected | ug/Kg | 20 | SW846 8260B | RG | 9/18/2012 |
| Dibromomethane(Methylene bromide) | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |

To: Arcadis

Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/201228550 Cabot Dr.
Suite 500
Novi, MI 48377BA Report Number: **20846**
BA Sample ID: **BX04053**Project Name: **TRW/Milford**
Project Number: **MI000941.0023.00006**
Sample ID: **CH-091412**

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|---------------------------------|--------------|-------|------|------------------|---------|---------------|
| 1,2-Dichlorobenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,3-Dichlorobenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,4-Dichlorobenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Dichlorodifluoromethane | Not detected | ug/Kg | 100 | SW846 8260B | RG | 9/18/2012 |
| 1,1-Dichloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2-Dichloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,1-Dichloroethene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2-Dichloropropane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Diethyl ether | Not detected | ug/Kg | 200 | SW846 8260B | RG | 9/18/2012 |
| Diisopropyl Ether(DIPE) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Ethyl benzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Ethyltertiary butylether(ETBE) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| 2-Hexanone(Methyl Butyl Ketone) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Isopropylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Methyl iodide(Iodomethane) | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Methyl(tert)butyl ether(MTBE) | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 4-Methyl-2-pentanone(MIBK) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Methylene chloride | Not detected | ug/Kg | 100 | SW846 8260B | RG | 9/18/2012 |
| 2-Methylnaphthalene | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Naphthalene | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| n-Butylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| n-Propylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| p-Isopropyl Toluene(p-Cymene) | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| sec-Butylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Styrene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| tertiary Amylmethylether(TAME) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| Tertiary Butyl Alcohol(TBA) | Not detected | ug/Kg | 2500 | SW846 8260B | RG | 9/18/2012 |
| tertiary Butylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,1,1,2-Tetrachloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,1,2,2-Tetrachloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Tetrachloroethene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Tetrahydrofuran(THF) | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |



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Sample Date: 9/14/2012
Submit Date: 9/14/2012
Report Date: 9/21/2012

BA Report Number: **20846**
BA Sample ID: **BX04053**

Project Name: **TRW/Milford**
Project Number: **MI000941.0023.00006**
Sample ID: **CH-091412**

| Parameters | Results | Units | DL | Method Reference | Analyst | Analysis Date |
|-----------------------------|--------------|-------|-----|------------------|---------|---------------|
| Toluene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| trans-1,2-Dichloroethene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| trans-1,3-Dichloropropene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| trans-1,4-Dichloro-2-butene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2,3-Trichlorobenzene | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| 1,2,4-Trichlorobenzene | Not detected | ug/Kg | 250 | SW846 8260B | RG | 9/18/2012 |
| 1,1,1-Trichloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,1,2-Trichloroethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Trichloroethene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Trichlorofluoromethane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2,3-Trichloropropane | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2,3-Trimethylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,2,4-Trimethylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| 1,3,5-Trimethylbenzene | Not detected | ug/Kg | 50 | SW846 8260B | RG | 9/18/2012 |
| Vinyl chloride | Not detected | ug/Kg | 40 | SW846 8260B | RG | 9/18/2012 |
| Xylenes | Not detected | ug/Kg | 150 | SW846 8260B | RG | 9/18/2012 |

Volatile Surrogate Recovery

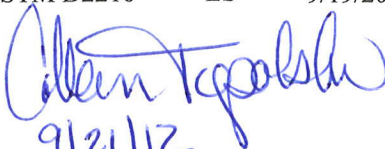
| | | | | | |
|----------------------------------|-----------|---|------------|-----|-----------|
| 4-Bromofluorobenzene | 111 | % | 8260/624 | RG | 9/18/2012 |
| d4-1,2 Dichloroethane | 100 | % | 8260/624 | RG | 9/18/2012 |
| d8-Toluene | 96 | % | 8260/624 | RG | 9/18/2012 |
| EPA Method 5035 Methanol Preserv | Extracted | | EPA 5035 | ARC | 9/14/2012 |
| %Solid | 90 | % | ASTM D2216 | LS | 9/19/2012 |

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:


9/21/12

Constituents Detected in Soil Fill Compared to Screening Levels

| Constituents | Backfill | Topsoil | Max Composite Average ug/kg | Statewide Default Background Levels | Exceeds Michigan Default Background | Michigan Part 201 Residential Criteira | | | | | | | Comparison to MI Criteria | | | | | Comparison to USEPA RSLs (May 2012) (carcinogens adjusted ELCR Michigan to 1x10 ⁻⁵) | | |
|------------------|--------------------|---------------------------|-----------------------------|-------------------------------------|-------------------------------------|--|---|---|------------------------------|--------------------------------------|-------------------------|-----------------------------------|-------------------------------------|-------------------|------------|-----------------------------|------------------------|---|-----|--------------------|
| | Sand 7/10/12 ug/kg | Sand Sample 7/16/12 ug/kg | | | | Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria (a) | Groundwater Contact Protection Criteria | Soil VIA Inhalation Criteria | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Minimum Pathway Specific Criteria | Statewide Default Background Levels | Final MI Criteria | Max Detect | Exceeds Risk Based Criteria | Exceeds Final Criteria | Resident Soil (ug/kg) | key | Exceeds Criteria ? |
| Arsenic | 1,600 | 3,000 | 3,000 | 5,800 | No | 4,600 | 4,600 | 2.0E+06 | NLV | 7.2E+05 | 7,600 | 4600 | 5,800 | 5,800 | 3000 | No | No | 3,900 | ca | No |
| Barium | 7,500 | 5,600 | 7,500 | 75,000 | No | 1.3E+06 | 440,000 | 1.0E+09 | NLV | 3.3E+08 | 3.7E+07 | 440000 | 75,000 | 440,000 | 7500 | No | No | 15,000,000 | nc | No |
| Cadmium | < 200 | 69 | 69 | 1,200 | No | 6,000 | 3,000 (G) | 2.3E+08 | NLV | 1.7E+06 | 5.5E+05 | 3000 | 1,200 | 3,000 | 69 | No | No | 70,000 | nc | No |
| Chromium (total) | 3,800 | 3,100 | 3,800 | 18,000 | No | 1.0E+09 | 3.0E+09 (G) | 1.0E+09 | NLV | 3.3E+08 | 7.9E+08 | 330000000 | 18,000 | 330,000,000 | 3800 | No | No | NA | -- | No |
| Copper | 5,300 | 5,600 | 5,600 | 32,000 | No | 5.80E+06 | 73000 (G) | 1.0E+09 | NLV | 1.3E+08 | 2.0E+07 | 73000 | 32,000 | 73,000 | 5600 | No | No | 3,100,000 | nc | No |
| Lead | 3,900 | 3,100 | 3,900 | 21,000 | No | 7.0E+05 | 2.5E+06 (G) | ID | NLV | 1.0E+08 | 4.0E+05 | 400000 | 21,000 | 400,000 | 3900 | No | No | 400,000 | L | No |
| Zinc | 21,000 | 15,000 | 21,000 | 47,000 | No | 2.4E+06 | 170,000 (G) | 1.0E+09 | NLV | ID | 1.7E+08 | 170000 | 47,000 | 170,000 | 21000 | No | No | 2.E+07 | nc | No |

Notes:

ELCR - Excess lifetime cancer risk. Michigan finds and excess lifetime cancer risk of 1x10-5 acceptable. Arsenic, if adjusted for MI criteria is below the MI risk-based criteria and the MI default background.

ca - based on protection for carcinogenic effects.

nc - based on protection for noncarcinogenic effects

G - criterion is hardness dependent; a default value of 150 mg/L for the southern Lower Peninsula was used (MI criteria notes)

ID - insufficient data to develop a criterion (MI criteria notes)

L - see RSL User's Guide for lead (RSL criteria notes)

NLV - not likely to volatilize (MI criteria notes)

VIA - Volatilization to Indoor Air



Appendix M

Photographic Documentation



Photo No.: 1

Direction: NA

Description:
Site Preparation -
AS/SVE Well Abandonment.



Photo No.: 2

Direction: NA

Description:
Site Preparation -
AS/SVE Well Abandonment.



Photo No.: 3

Direction: East

Description:
Silt Fence Installation Near Upper
Mill Pond. Edge of Vegetative Soil
Barrier.



Photo No.: 4

Direction: Northeast

Description:
Rolls of Orange Geotextile fabric/
Demarcation Layer - prior to
installation.



Photo No.: 5

Direction: South

Description:
Installation of Demarcation Layer
on former Kelsey-Hayes site.



Photo No.: 6

Direction: North

Description:
Installation of Demarcation Layer
on former Kelsey-Hayes site,
along fenceline adjacent to CSX
RR.



Photo No.: 7

Direction: Northeast

Description:
Backfill and Compaction - Area 2
(VOC) Excavation.

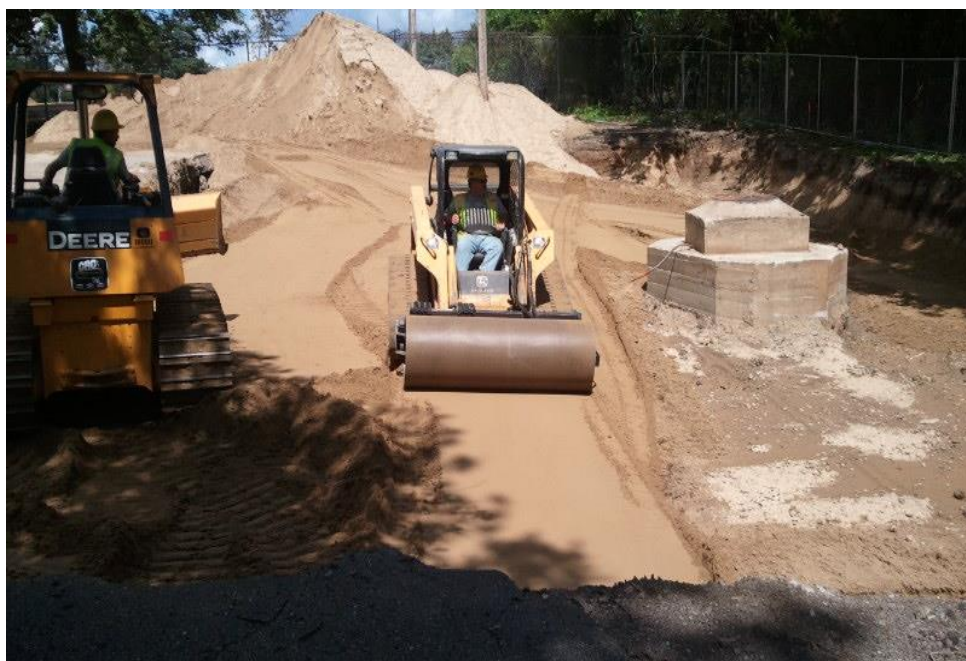


Photo No.: 8

Direction: North

Description:
Backfill and Compaction - Area 3A.



Photo No.: 9

Direction: Facing West

Description:
Tree clearing and
Site Prep prior to
excavation of Area 1
and 1A.



Photo No.: 10

Direction: Facing North

Description:
Excavation of Area 1A.



Photo No.: 11
Direction: South
Description:
Excavation of Area 1.



Photo No.: 12
Direction: Southwest
Description:
Excavation of Area 1.



Photo No.: 13

Direction: South

Description:
Excavation of Area 1
Over excavation of
Sidewall SW-16.



Photo No.: 14

Direction: Southeast

Description:
Excavation of Area 1
Trench Box at FL-8.



Photo No.: 15

Direction: North

Description:
Excavation of Area 3A.



Photo No.: 16

Direction: Northwest

Description:
Loading of PCB-impacted soil
from Area 3A.



Photo No.: 17

Direction: Southeast

Description:
Installation of Demarcation
Layer and clean fill.



Photo No.: 18

Direction: Southwest

Description:
Installation of Demarcation
Layer and clean fill.



Photo No.: 19

Direction: South

Description:
Trench box excavation in
Area 3B - CSX ROW.



Photo No.: 20

Direction: South

Description:
Trench box excavation in
Area 3B - CSX ROW.



Photo No.: 21

Direction: Northeast

Description:
Area 3B excavation.

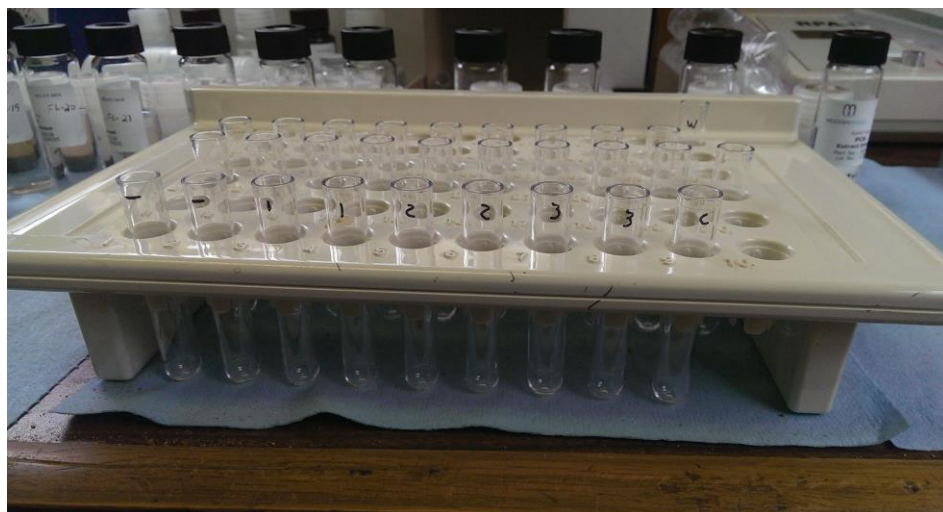


Photo No.: 22

Direction: NA

Description:
PCB Field Screening
for Excavation Sample
Results.



Photo No.: 23

Direction: South

Description:
Excavation within trench
boxes - Area 3B
CSX ROW.



Photo No.: 24

Direction: North

Description:
Backfill and Compaction
within trench boxes used
for Area 3B excavation
in CSX ROW.



Photo No.: 25

Direction: South

Description:
Installation of vegetated
barrier between parking
lot entrances - south
parking lot.



Photo No.: 26

Direction: South

Description:
Installation of
Demarcation Layer on
the concrete slab -
former Kelsey-Hayes
site.



Photo No.: 27

Direction: South

Description:
Grading fill during
vegetated barrier
installation at 521 Oak
Street.



Photo No.: 28

Direction: Northwest

Description:
Import and Place topsoil
during vegetated barrier
installation over former
Kelsey-Hayes site.



Photo No.: 29

Direction: West

Description:
Grading backfill prior to
placing topsoil for
vegetated barrier.



Photo No.: 30

Direction: North

Description:
Grading backfill prior to
placing topsoil for
vegetated barrier.



Photo No.: 31

Direction: Northeast

Description:
Area 4 excavation.



Photo No.: 32

Direction: North

Description:
Area 4 excavation.



Photo No.: 33

Direction: North

Description:
Site Restoration -
installation of fence
along former Kelsey
Hayes property line.



Photo No.: 34

Direction: North

Description:
Site Restoration -
Installation of erosion
control mats and fence.



Photo No.: 35

Direction: Southwest

Description:
Site Restoration -
Final grading along the
property lines of former
Kelsey-Hayes site, 521
Oak St. and Prospect
Hill.



Photo No.: 36

Direction: West

Description:
Site Restoration -
hydroseed over
vegetated barrier along
521 Oak St. property
line.



Photo No.: 37

Direction: North

Description:
Repaved asphalt surface/
barrier for the north parking
lot.



Photo No.: 38

Direction: Northeast

Description:
Asphalt barrier in north
parking lot and hydroseed
application for vegetated
barrier.



Photo No.: 39

Direction: East

Description:
Erosion control mats,
new fence line and
vegetated barrier.



Photo No.: 40

Direction: East

Description:
Raised well pads for
OW-27 and PW-3.

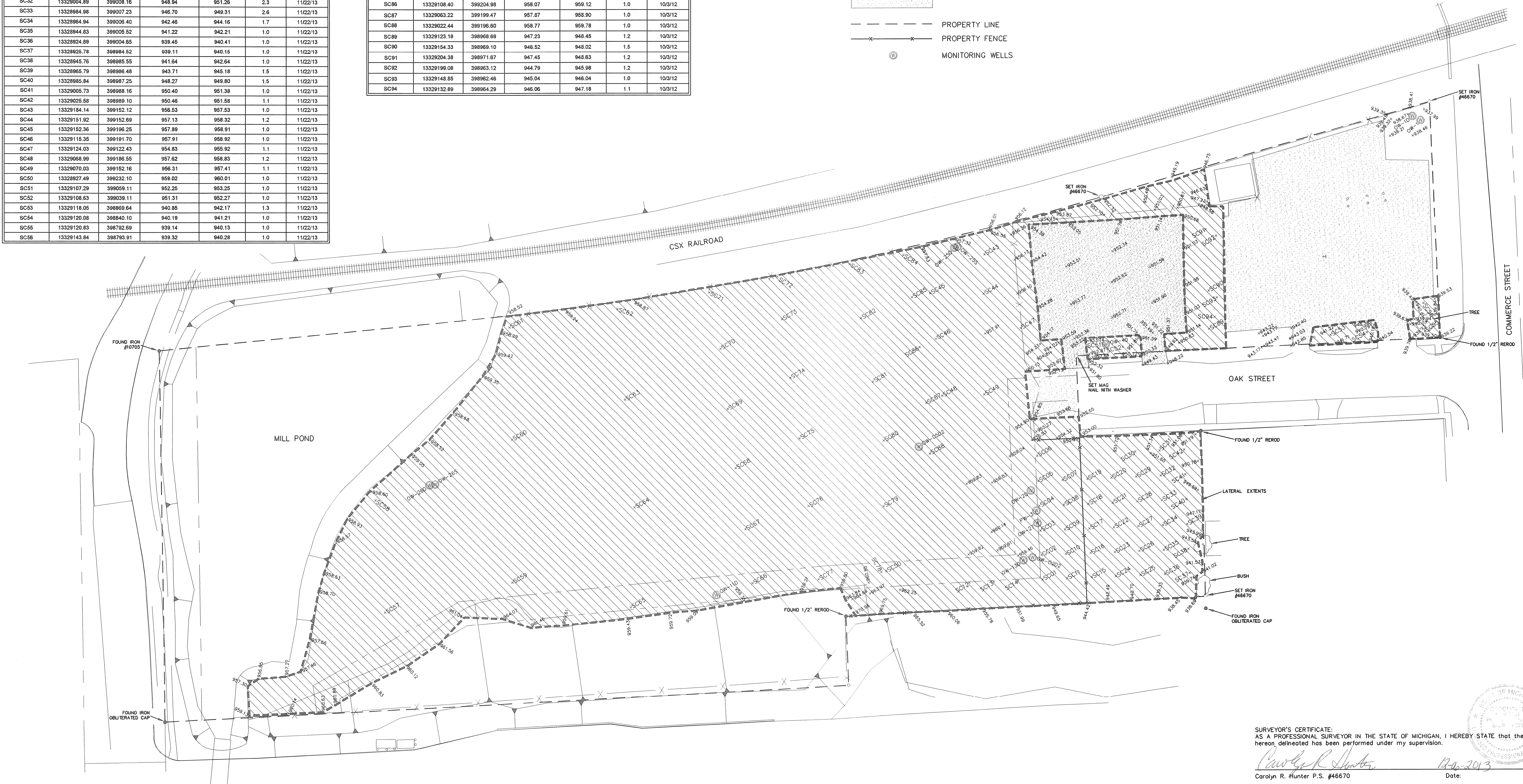


Appendix N

Final Site Survey of Property As-Built

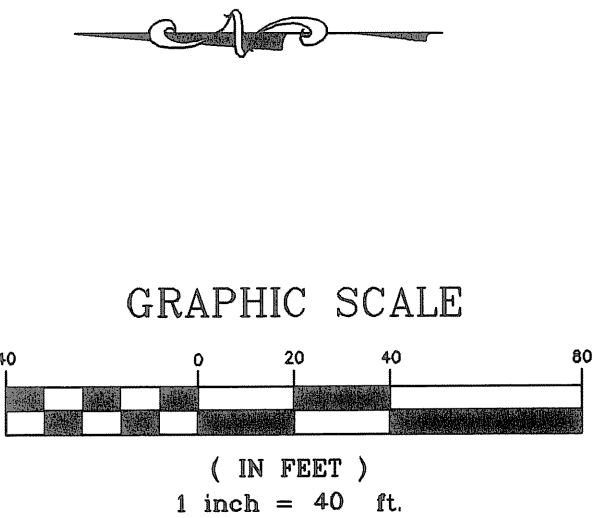
| AS-CONSTRUCTED TABLE | | | | | |
|----------------------|-------------|------------|--------------------|------------|-------------|
| Location ID | Coordinates | | Top of | Top of | Survey Date |
| | X Easting | Y Northing | Demarcation Fabric | Soil Cover | |
| SC01 | 13328920.41 | 399104.54 | 957.11 | 958.13 | 11/22/13 |
| SC02 | 13328940.47 | 399105.38 | 958.11 | 959.30 | 11/22/13 |
| SC03 | 13328960.47 | 399106.28 | 958.28 | 959.38 | 11/22/13 |
| SC04 | 13328980.41 | 399107.18 | 957.93 | 958.95 | 11/22/13 |
| SC05 | 13329000.36 | 399108.11 | 958.04 | 959.05 | 11/22/13 |
| SC06 | 13329020.55 | 399109.09 | 956.55 | 958.22 | 11/22/13 |
| SC07 | 13329040.25 | 399088.09 | 952.94 | 954.43 | 11/22/13 |
| SC08 | 13328961.34 | 399087.16 | 951.48 | 953.36 | 11/22/13 |
| SC09 | 13328961.32 | 399086.33 | 951.48 | 952.54 | 11/22/13 |
| SC10 | 13328941.36 | 399085.43 | 950.90 | 952.34 | 11/22/13 |
| SC11 | 13328921.39 | 399084.57 | 950.20 | 951.38 | 11/22/13 |
| SC12 | 13328917.84 | 399164.50 | 958.30 | 959.30 | 11/22/13 |
| SC13 | 13328918.73 | 399144.47 | 958.08 | 959.11 | 11/22/13 |
| SC14 | 13328919.59 | 399124.57 | 957.85 | 958.85 | 11/22/13 |
| SC15 | 13328922.32 | 399084.51 | 943.42 | 944.82 | 11/22/13 |
| SC16 | 13328942.28 | 399065.39 | 944.34 | 945.39 | 11/22/13 |
| SC17 | 13328962.19 | 399066.33 | 944.84 | 946.31 | 11/22/13 |
| SC18 | 13328982.22 | 399067.20 | 946.07 | 948.38 | 11/22/13 |
| SC19 | 13329002.25 | 399067.99 | 951.78 | 952.84 | 11/22/13 |
| SC20 | 13329003.04 | 399048.22 | 949.28 | 951.85 | 11/22/13 |
| SC21 | 13328983.14 | 399047.21 | 945.28 | 947.32 | 11/22/13 |
| SC22 | 13328963.16 | 399046.36 | 942.73 | 944.44 | 11/22/13 |
| SC23 | 13328943.07 | 399045.44 | 942.13 | 943.33 | 11/22/13 |
| SC24 | 13328923.16 | 399044.63 | 941.50 | 942.51 | 11/22/13 |
| SC25 | 13328924.03 | 399024.57 | 940.17 | 941.17 | 11/22/13 |
| SC26 | 13328944.06 | 399025.58 | 941.52 | 942.57 | 11/22/13 |
| SC27 | 13328964.01 | 399026.40 | 942.10 | 943.68 | 11/22/13 |
| SC28 | 13328984.07 | 399027.26 | 946.72 | 948.09 | 11/22/13 |
| SC29 | 13329003.97 | 399028.14 | 948.16 | 951.44 | 11/22/13 |
| SC30 | 13329023.90 | 399028.98 | 950.59 | 951.89 | 11/22/13 |
| SC31 | 13329024.78 | 399009.06 | 950.64 | 951.64 | 11/22/13 |
| SC32 | 13329004.89 | 399008.16 | 948.94 | 951.26 | 11/22/13 |
| SC33 | 13328984.98 | 399007.23 | 946.70 | 949.31 | 11/22/13 |
| SC34 | 13328964.94 | 399006.40 | 942.46 | 944.16 | 11/22/13 |
| SC35 | 13328944.83 | 399005.52 | 941.22 | 942.21 | 11/22/13 |
| SC36 | 13328924.88 | 399004.65 | 939.45 | 940.41 | 11/22/13 |
| SC37 | 13328904.78 | 399003.62 | 939.11 | 940.16 | 11/22/13 |
| SC38 | 13328884.76 | 399002.55 | 941.64 | 942.64 | 11/22/13 |
| SC39 | 13328864.79 | 399001.48 | 943.71 | 945.18 | 11/22/13 |
| SC40 | 13328844.84 | 399000.25 | 948.27 | 948.80 | 11/22/13 |
| SC41 | 13329005.73 | 399000.16 | 950.40 | 951.38 | 11/22/13 |
| SC42 | 13329025.68 | 399000.10 | 950.46 | 951.58 | 11/22/13 |
| SC43 | 13329184.14 | 399152.12 | 956.53 | 957.53 | 11/22/13 |
| SC44 | 13329151.82 | 399152.69 | 957.13 | 958.32 | 11/22/13 |
| SC45 | 13329152.36 | 399196.25 | 957.89 | 958.91 | 11/22/13 |
| SC46 | 13329115.35 | 399191.70 | 957.91 | 958.92 | 11/22/13 |
| SC47 | 13329124.03 | 399122.43 | 954.83 | 955.92 | 11/22/13 |
| SC48 | 13329088.99 | 399186.55 | 957.62 | 958.83 | 11/22/13 |
| SC49 | 13329070.03 | 399182.16 | 956.31 | 957.41 | 11/22/13 |
| SC50 | 13328927.48 | 399232.10 | 959.02 | 960.01 | 11/22/13 |
| SC51 | 13329107.29 | 399059.11 | 952.25 | 953.25 | 11/22/13 |
| SC52 | 13329108.63 | 399039.11 | 951.31 | 952.27 | 11/22/13 |
| SC53 | 13329118.05 | 398889.64 | 940.85 | 942.17 | 11/22/13 |
| SC54 | 13329120.08 | 398840.10 | 940.19 | 941.21 | 11/22/13 |
| SC55 | 13329120.83 | 398792.69 | 939.14 | 940.13 | 11/22/13 |
| SC56 | 13329143.84 | 398793.81 | 939.32 | 940.28 | 11/22/13 |

| AS-CONSTRUCTED TABLE | | | | | |
|----------------------|-------------|------------|--------------------|------------|-------------|
| Location ID | Coordinates | | Top of | Top of | Survey Date |
| | X Easting | Y Northing | Demarcation Fabric | Soil Cover | |
| SC57 | 13328994.25 | 399640.58 | 958.50 | 959.57 | 10/3/12 |
| SC58 | 13328985.46 | 399646.32 | 958.15 | 959.17 | 10/3/12 |
| SC59 | 13328918.56 | 399536.79 | 958.73 | 959.84 | 10/3/12 |
| SC60 | 13329033.89 | 399537.12 | 959.16 | 960.20 | 10/3/12 |
| SC61 | 13329124.95 | 399539.24 | 958.31 | 959.33 | 10/3/12 |
| SC62 | 13329139.73 | 399451.14 | 958.28 | 959.45 | 10/3/12 |
| SC63 | 13329096.08 | 399445.09 | 958.78 | 959.89 | 10/3/12 |
| SC64 | 13328979.53 | 399437.15 | 959.09 | 960.30 | 10/3/12 |
| SC65 | 13328998.24 | 399440.33 | 958.45 | 959.69 | 10/3/12 |
| SC66 | 13328917.72 | 399341.20 | 958.90 | 959.90 | 10/3/12 |
| SC67 | 13328961.93 | 399346.86 | 958.75 | 959.94 | 10/3/12 |
| SC68 | 13329011.10 | 399354.90 | 959.10 | 960.14 | 10/3/12 |
| SC69 | 13329058.66 | 399361.41 | 958.83 | 960.11 | 10/3/12 |
| SC70 | 13329107.47 | 399367.33 | 958.50 | 959.68 | 10/3/12 |
| SC71 | 13329153.25 | 399376.25 | 957.93 | 958.97 | 10/3/12 |
| SC72 | 13329166.13 | 399320.80 | 957.74 | 958.94 | 10/3/12 |
| SC73 | 13329131.48 | 399316.99 | 958.41 | 959.48 | 10/3/12 |
| SC74 | 13329083.79 | 399310.32 | 958.66 | 959.79 | 10/3/12 |
| SC75 | 13329034.69 | 399302.74 | 958.81 | 960.09 | 10/3/12 |
| SC76 | 13328980.62 | 399295.50 | 958.80 | 959.90 | 10/3/12 |
| SC77 | 13328920.97 | 399287.16 | 958.77 | 959.83 | 10/3/12 |
| SC78 | 13328926.61 | 399236.07 | 958.96 | 959.98 | 10/3/12 |
| SC79 | 13328980.38 | 399234.28 | 958.90 | 959.97 | 10/3/12 |
| SC80 | 13329032.82 | 399234.22 | 958.47 | 959.49 | 10/3/12 |
| SC81 | 13329080.70 | 399242.95 | 958.53 | 959.57 | 10/3/12 |
| SC82 | 13329132.29 | 399252.56 | 958.06 | 959.30 | 10/3/12 |
| SC83 | 13329176.49 | 399261.82 | 958.31 | 959.37 | 10/3/12 |
| SC84 | 13329183.75 | 399218.11 | 957.23 | 958.23 | 10/3/12 |
| SC85 | 13329149.19 | 399211.14 | 957.69 | 958.88 | 10/3/12 |
| SC86 | 13329108.40 | 399204.88 | 958.07 | 959.12 | 10/3/12 |
| SC87 | 13329063.22 | 399199.47 | 957.87 | 958.90 | 10/3/12 |
| SC88 | 13329022.44 | 399196.80 | 958.77 | 959.78 | 10/3/12 |
| SC89 | 13329123.18 | 398968.69 | 947.23 | 948.45 | 10/3/12 |
| SC90 | 13329154.33 | 398969.10 | 946.52 | 948.02 | 10/3/12 |
| SC91 | 13329204.38 | 398971.67 | 947.45 | 948.63 | 10/3/12 |
| SC92 | 13329199.08 | 398963.12 | 944.79 | 945.98 | 10/3/12 |
| SC93 | 13329148.85 | 398962.46 | 945.04 | 946.04 | 10/3/12 |
| SC94 | 13329132.89 | 398964.29 | 946.06 | 947.18 | 10/3/12 |



NOTES:
VERTICAL DATUM
ELEVATIONS BASED ON LOCAL SITE DATUM.
HORIZONTAL DATUM
COORDINATES ARE STATE PLANE CORRDINATES BASED ON NORTH AMERICAN DATUM
1983, MICHIGAN, SOUTH ZONE-2113

- LEGEND:
- LIMITS OF VEGETATIVE BARRIER (INCLUDES DEMARCATION LAYER)
 - LIMITS OF NEW ASPHALT BARRIER
 - LIMITS OF EXISTING ASPHALT BARRIER
 - PROPERTY LINE
 - PROPERTY FENCE
 - MONITORING WELLS



SURVEYOR'S CERTIFICATE:
AS A PROFESSIONAL SURVEYOR IN THE STATE OF MICHIGAN, I HEREBY STATE that the survey work
hereon, delineated has been performed under my supervision.
Carolyn R. Hunter
Carolyn R. Hunter P.S. #46670
Date: 12-22-13

CIVIL ENGINEERS & LAND SURVEYORS
519 HURON AVE. PORT HURON, MI 48060
TEL: 810-984-5596 FAX: 810-984-8760
Web Page: www.bmjinc.com Email: mail@bmjinc.com

BMJ
ENGINEERS & SURVEYORS, INC.

AS-CONSTRUCTED SURVEY
OF TOP SOIL COVER

TRW AUTOMOTIVE FORMER KELSEY-HAYES
PLANT SITE PCB IMPACTED SOIL REMOVAL AND COVER
SYSTEM MILFORD, MICHIGAN

| | | |
|-----------|------------------|----------|
| NO | 1 | 2 |
| REVISIONS | ARCADIS COMMENTS | 12/05/13 |
| DATE | 12/05/13 | 12/05/13 |

SCALE: 1" = 40'
DATE: 11-22-13
SURVEYED: DB
DRAWN: SWIS
CHKD: CRH
JOB NO. 1207.033
SHT 1 OF 1